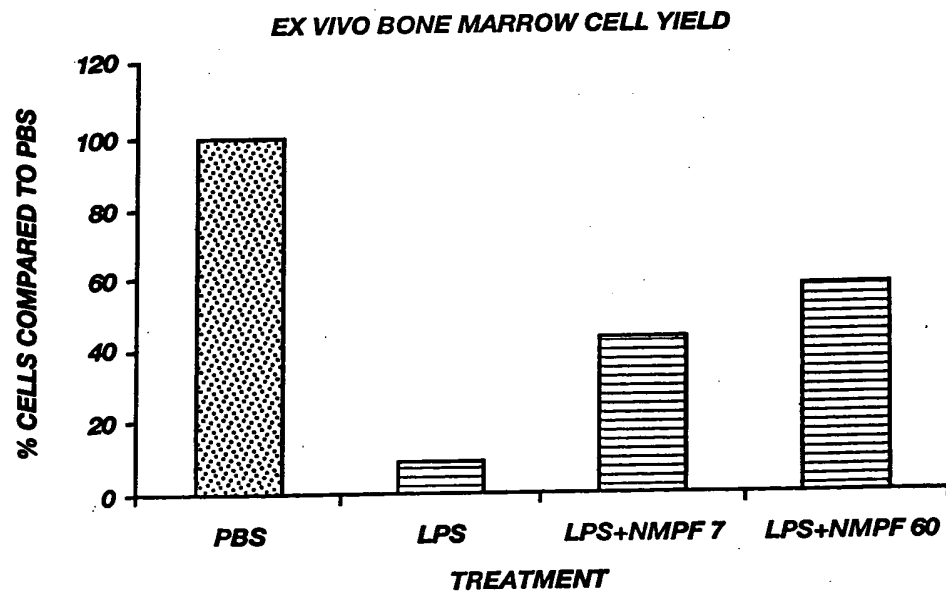
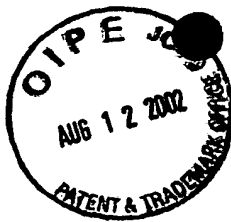


**Fig. 1**



**Fig. 2**

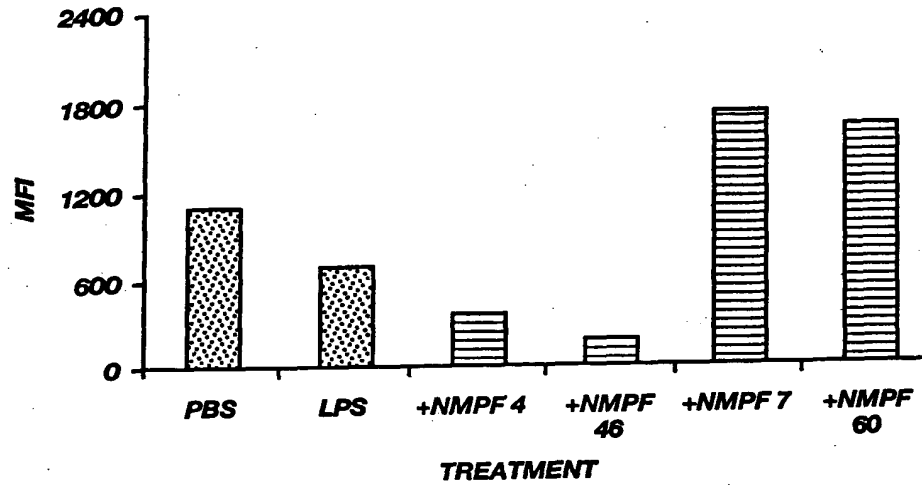
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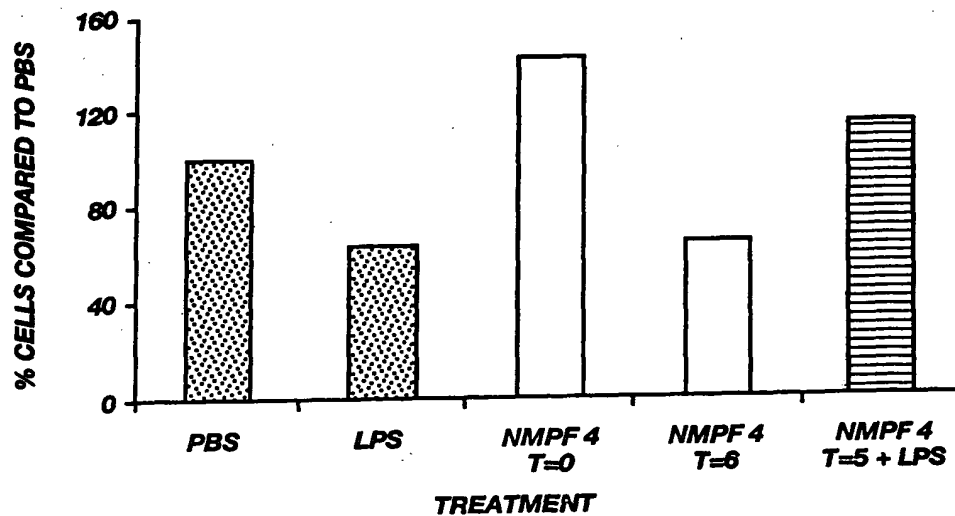
2/39

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(EX VIVO)**



**Fig. 3**

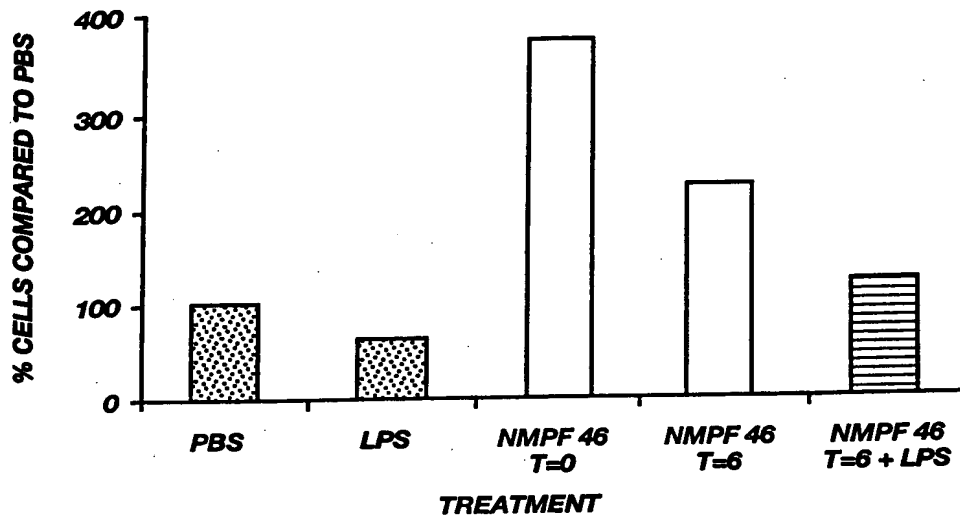
**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 4**

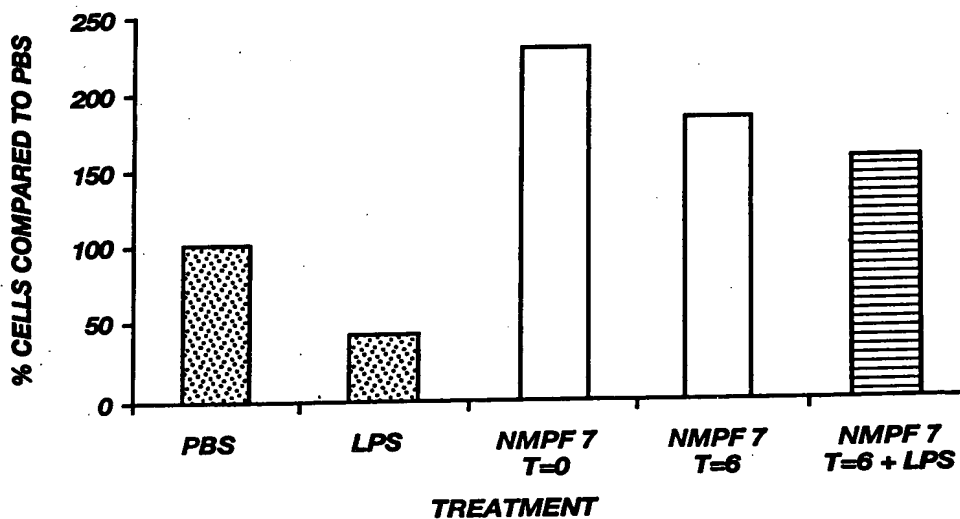


**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 5**

**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 6**

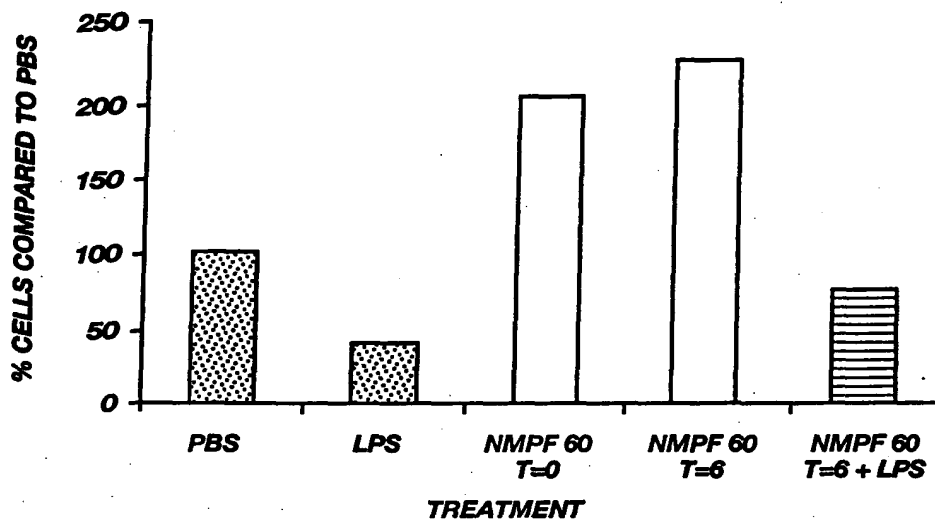
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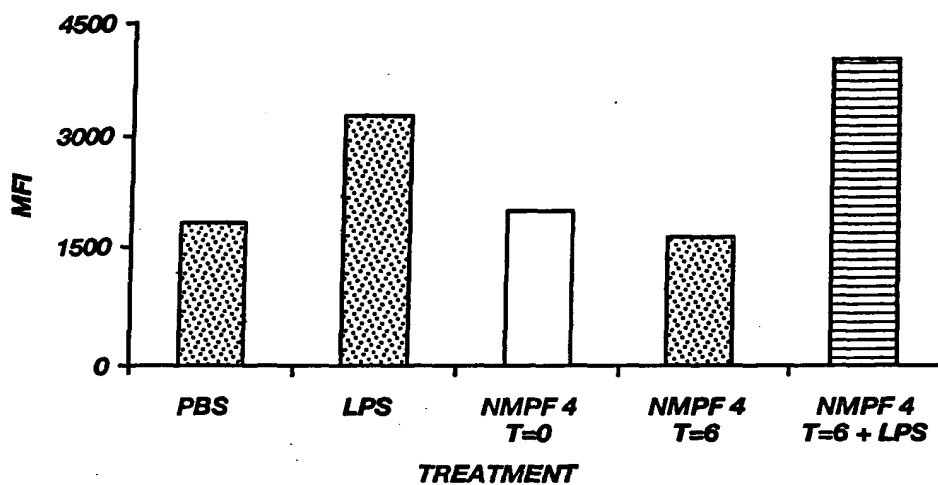
4/39

**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 7**

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS (IN VITRO)**

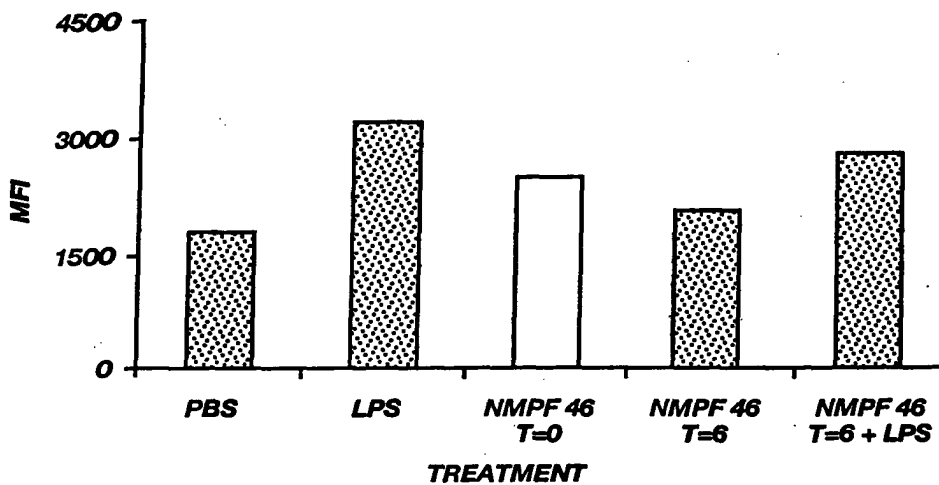


**Fig. 8**



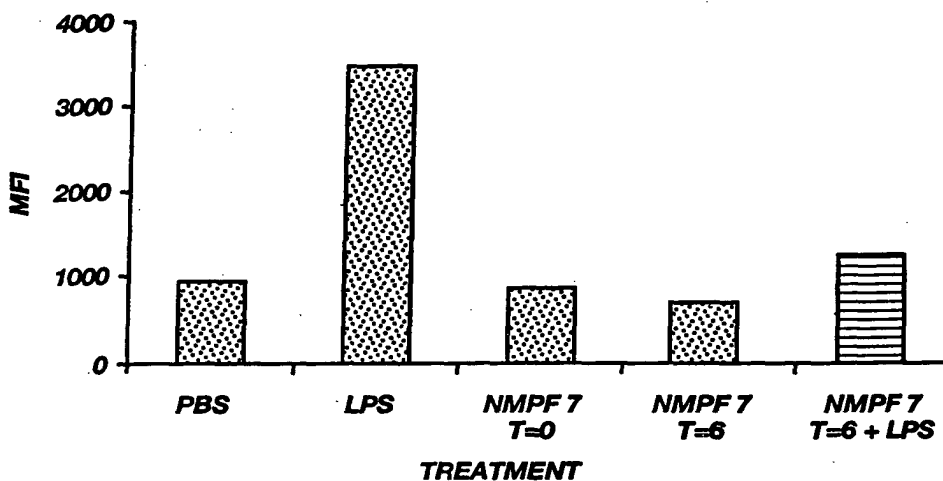
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**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(IN VITRO)**



**Fig. 9**

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(IN VITRO)**



**Fig. 10**

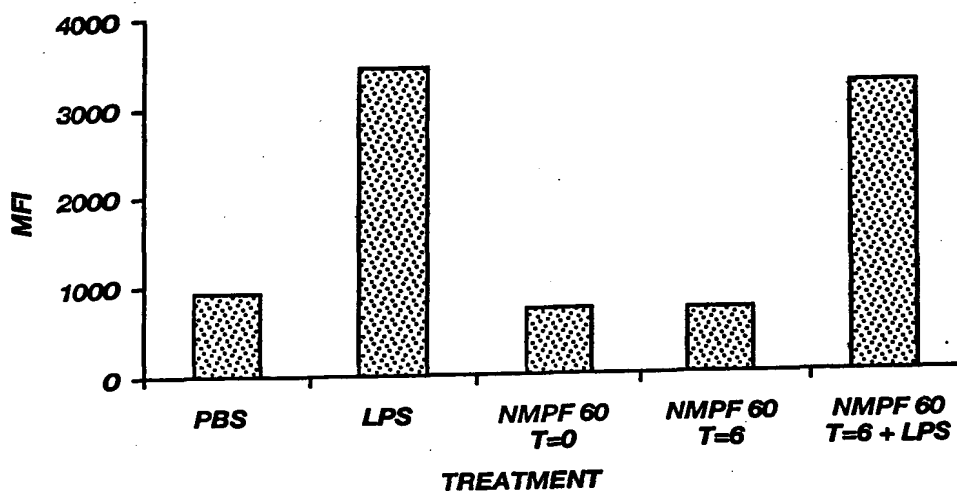




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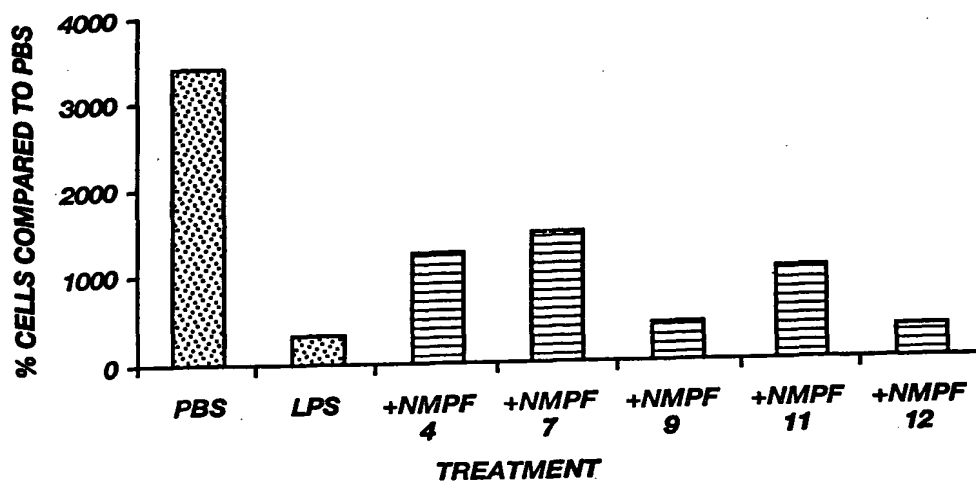
6/39

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
 (IN VITRO)**



**Fig. 11**

**'UNATTACHED' BONE MARROW CELL YIELD  
 (EX VIVO)**



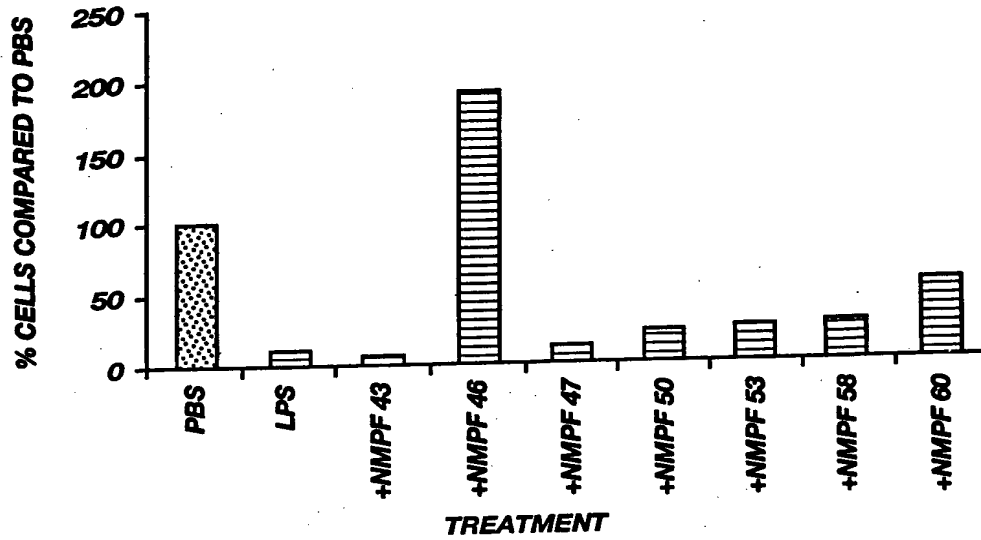
**Fig. 12**



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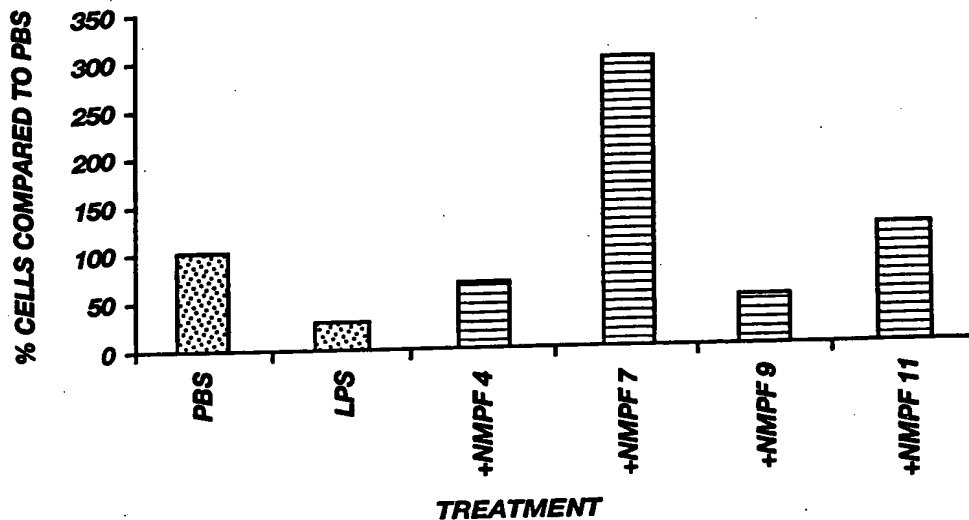
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**'UNATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 13**

**'ATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 14**

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TITLE: GENE REGULATOR

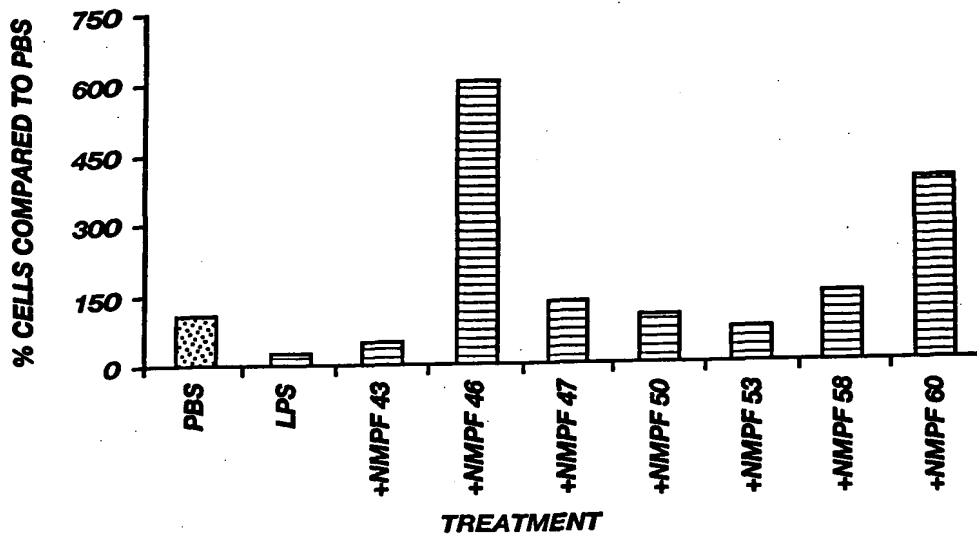
Inventor: Khan et al.

Serial No.: 10/028,075

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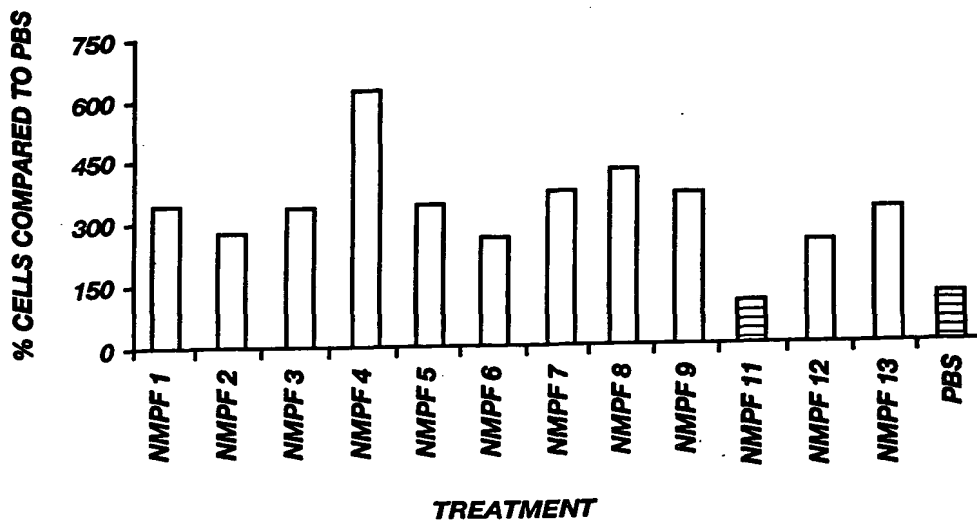
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**'ATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 15**

**'UNATTACHED' BONE MARROW CELL YIELD  
(IN VITRO-NOD)**



**Fig. 16**

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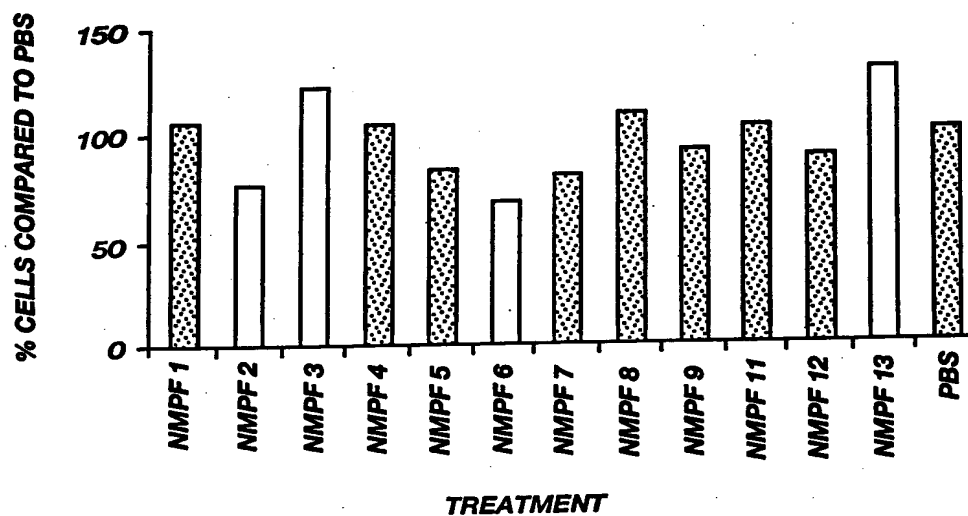




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**'ATTACHED' BONE MARROW CELL YIELD  
(IN VITRO-NOD)**



**Fig. 17**



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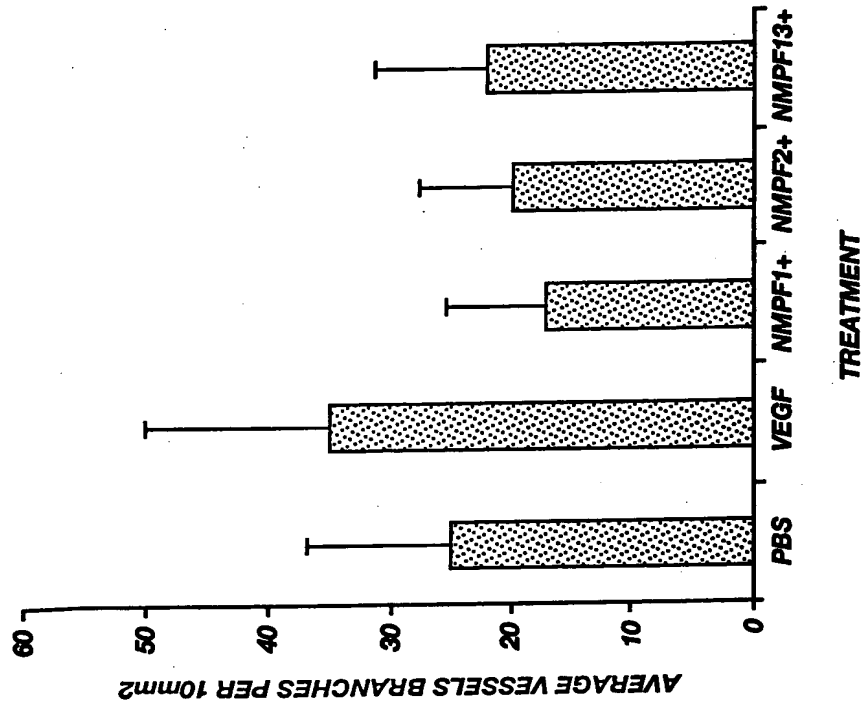


Fig. 19

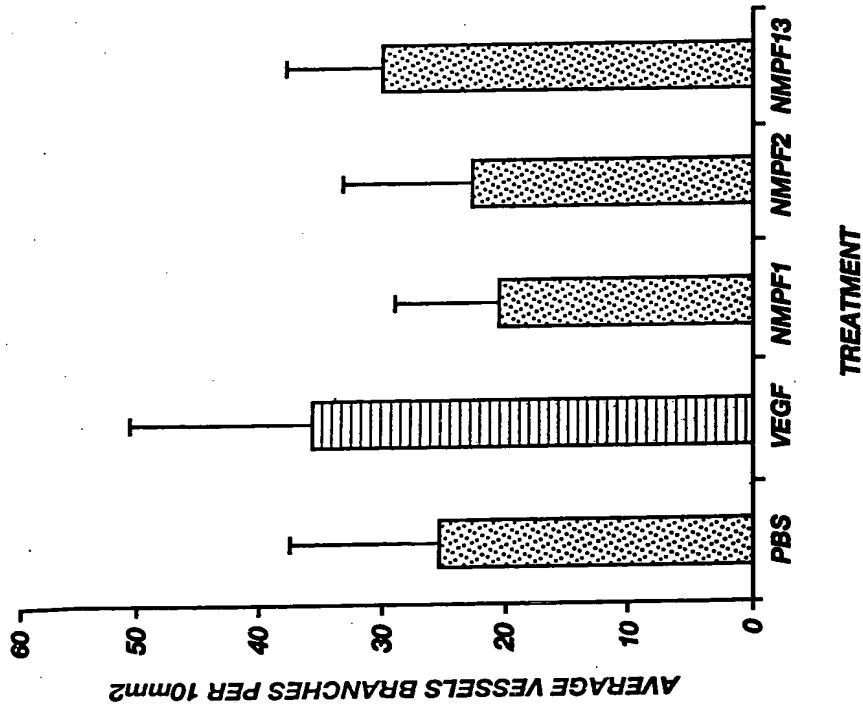


Fig. 18



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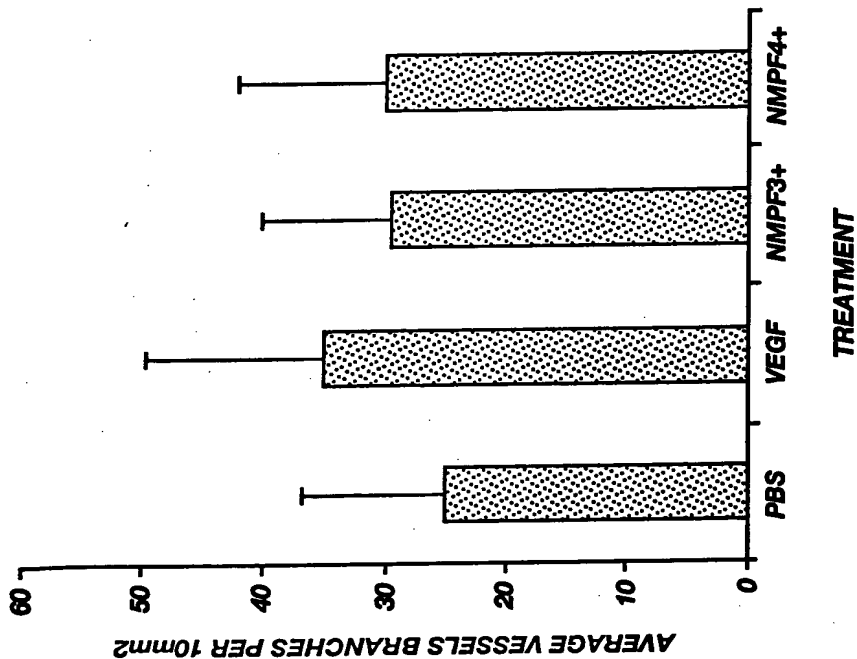


Fig. 21

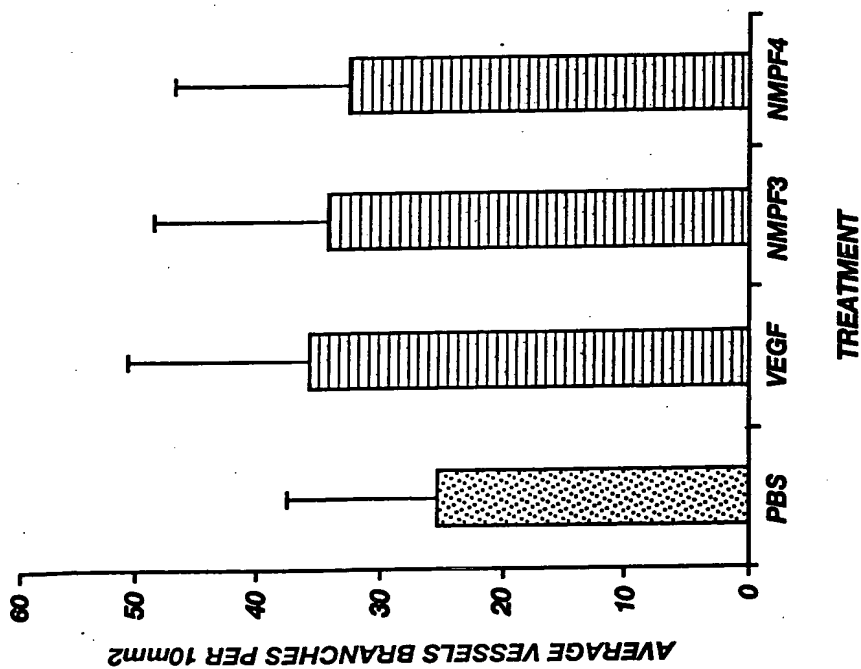
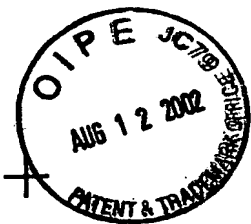


Fig. 20

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 Inventor: Khan et al.  
 Serial No.: 10/028,075  
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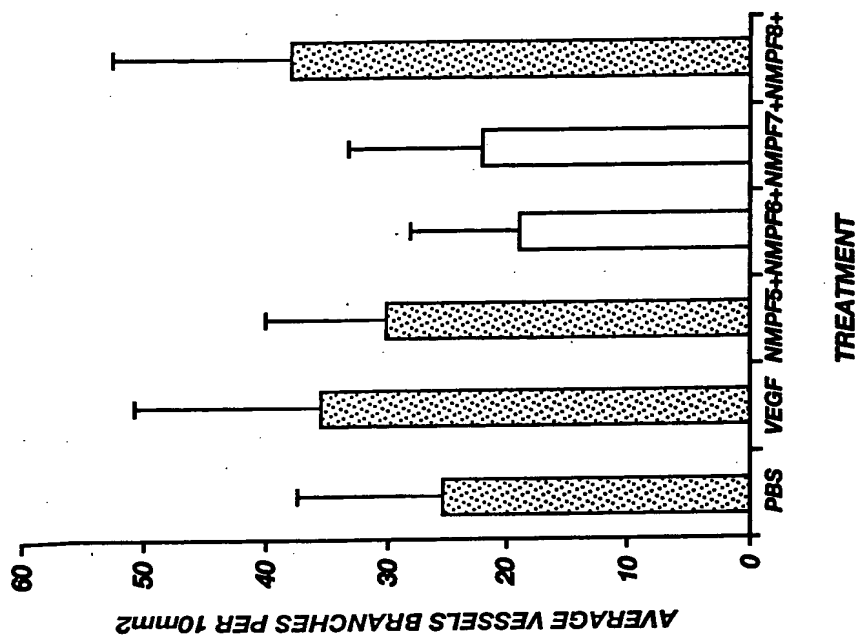


Fig. 23

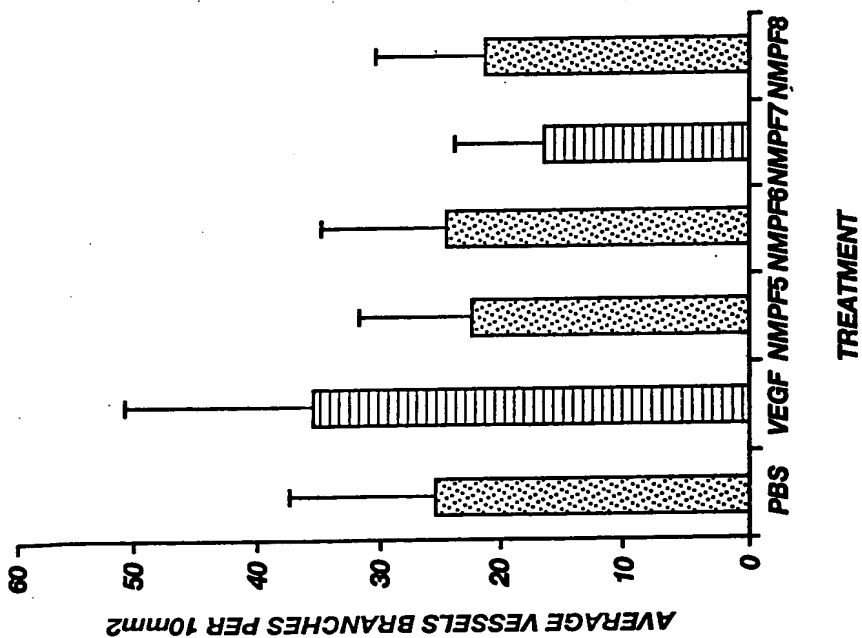
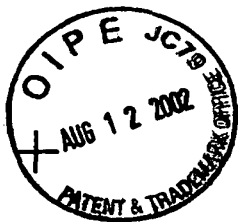


Fig. 22



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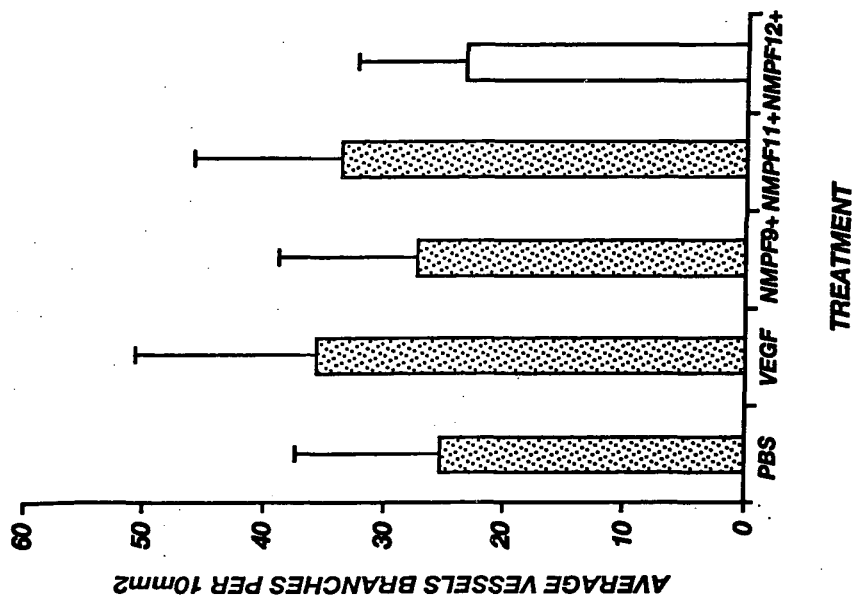


Fig. 25

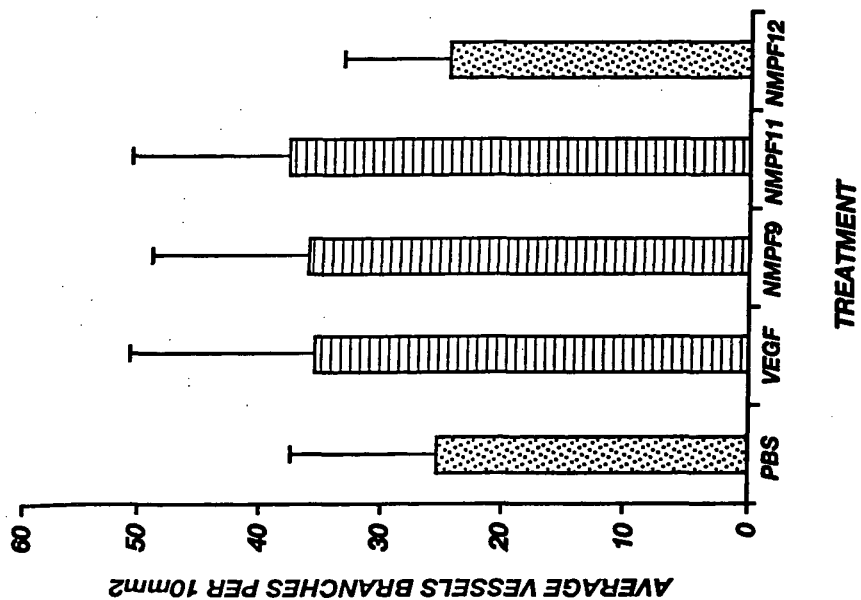


Fig. 24

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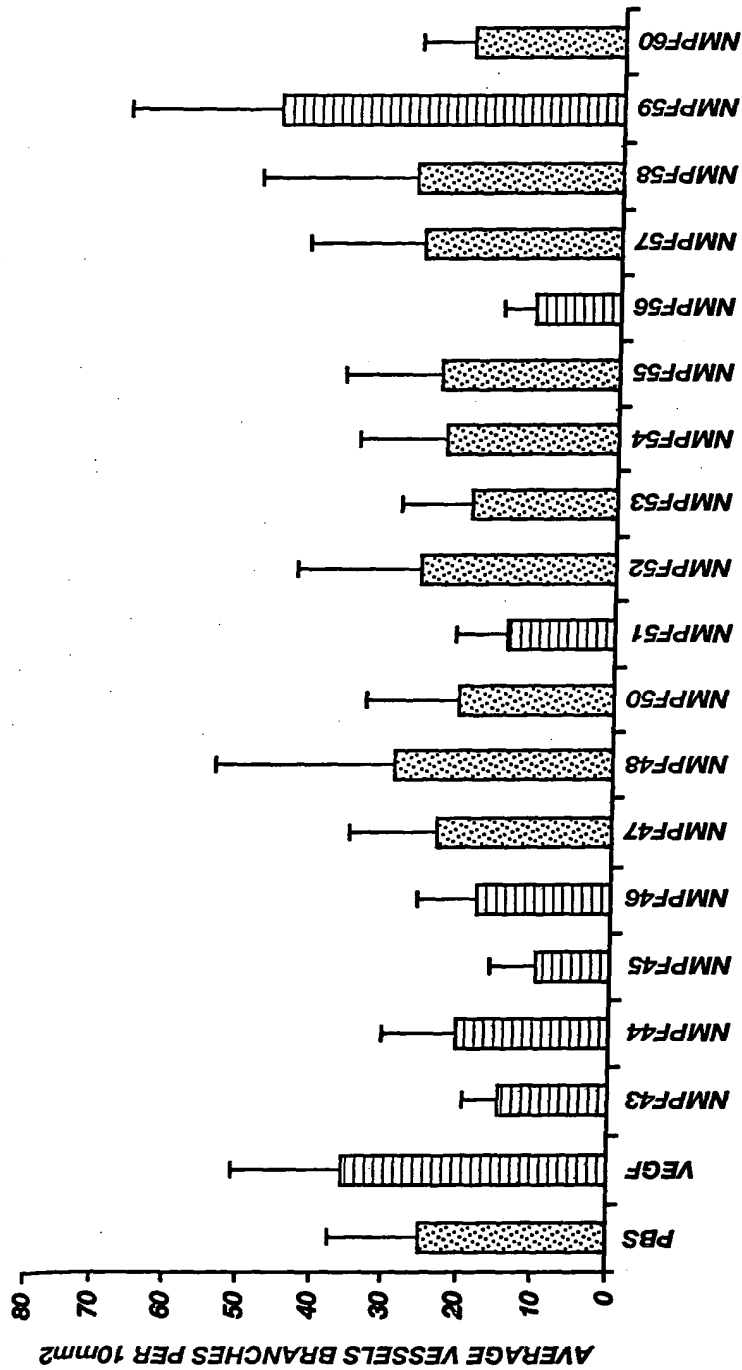
TITLE: GENE REGULATOR

Inventor: Khan et al.

Serial No.: 10/028,075

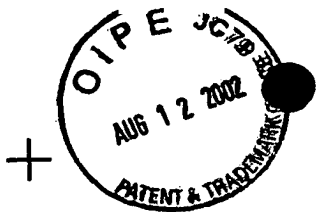
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Fig. 26



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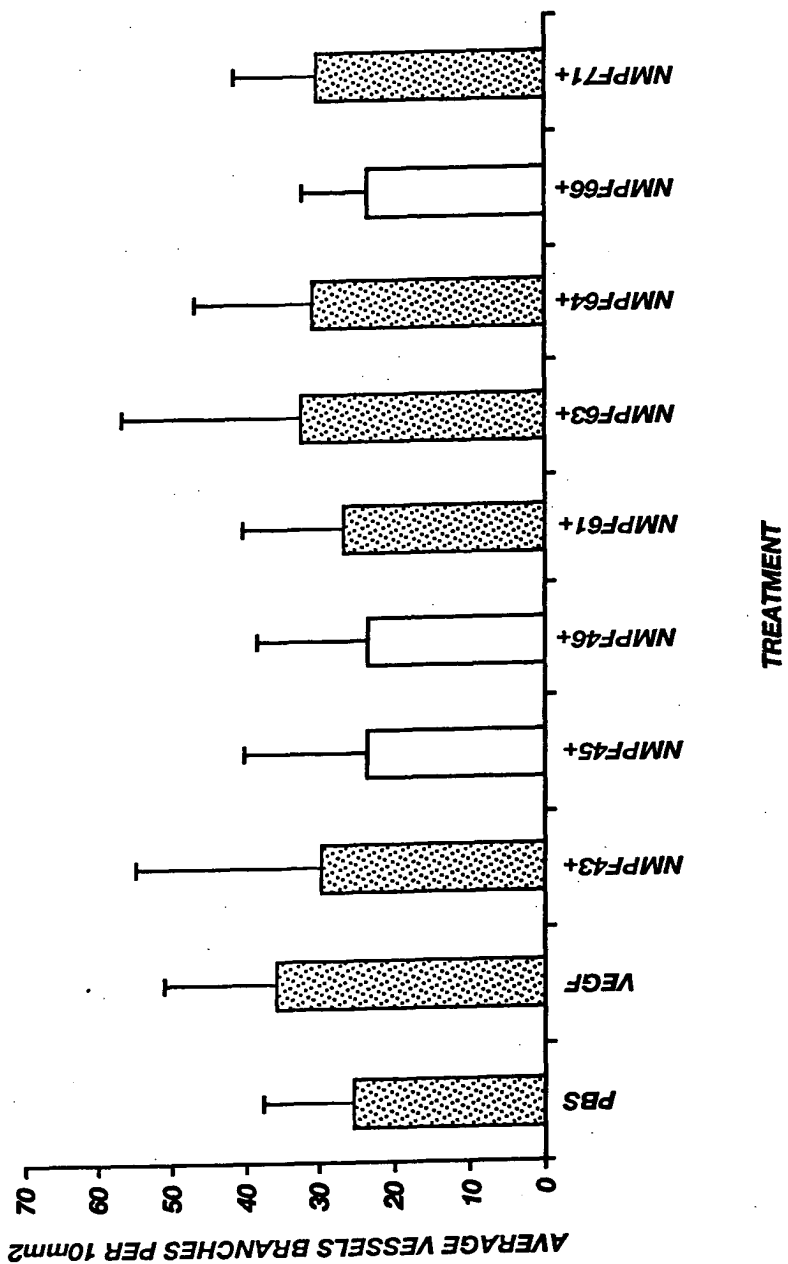
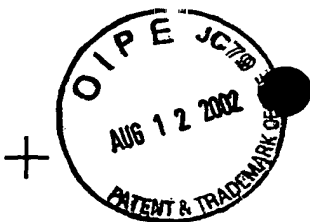


Fig. 27



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Inventor: Khan et al.  
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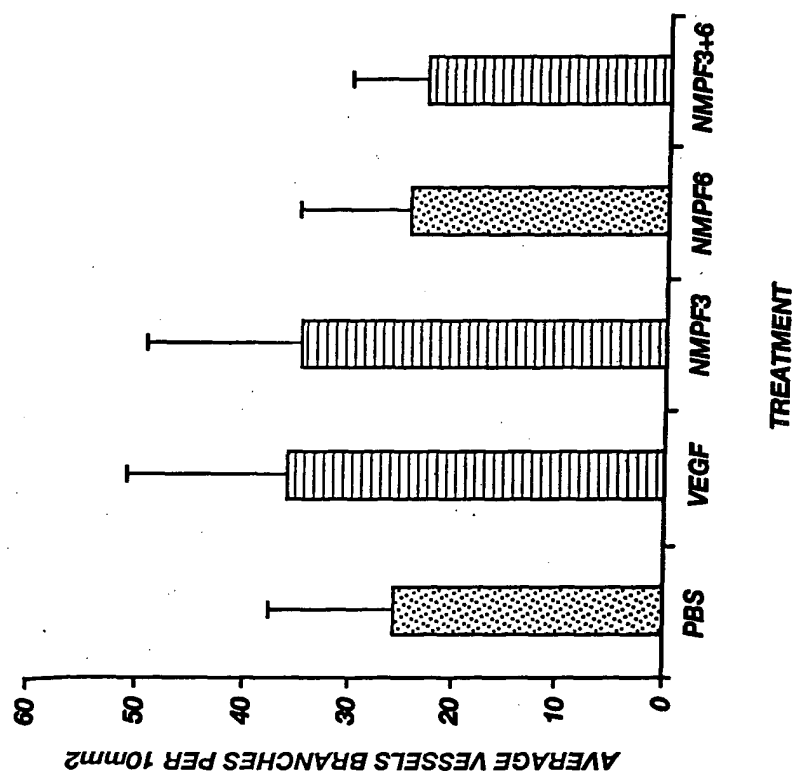


Fig. 28





TITLE: GENE REGULATOR  
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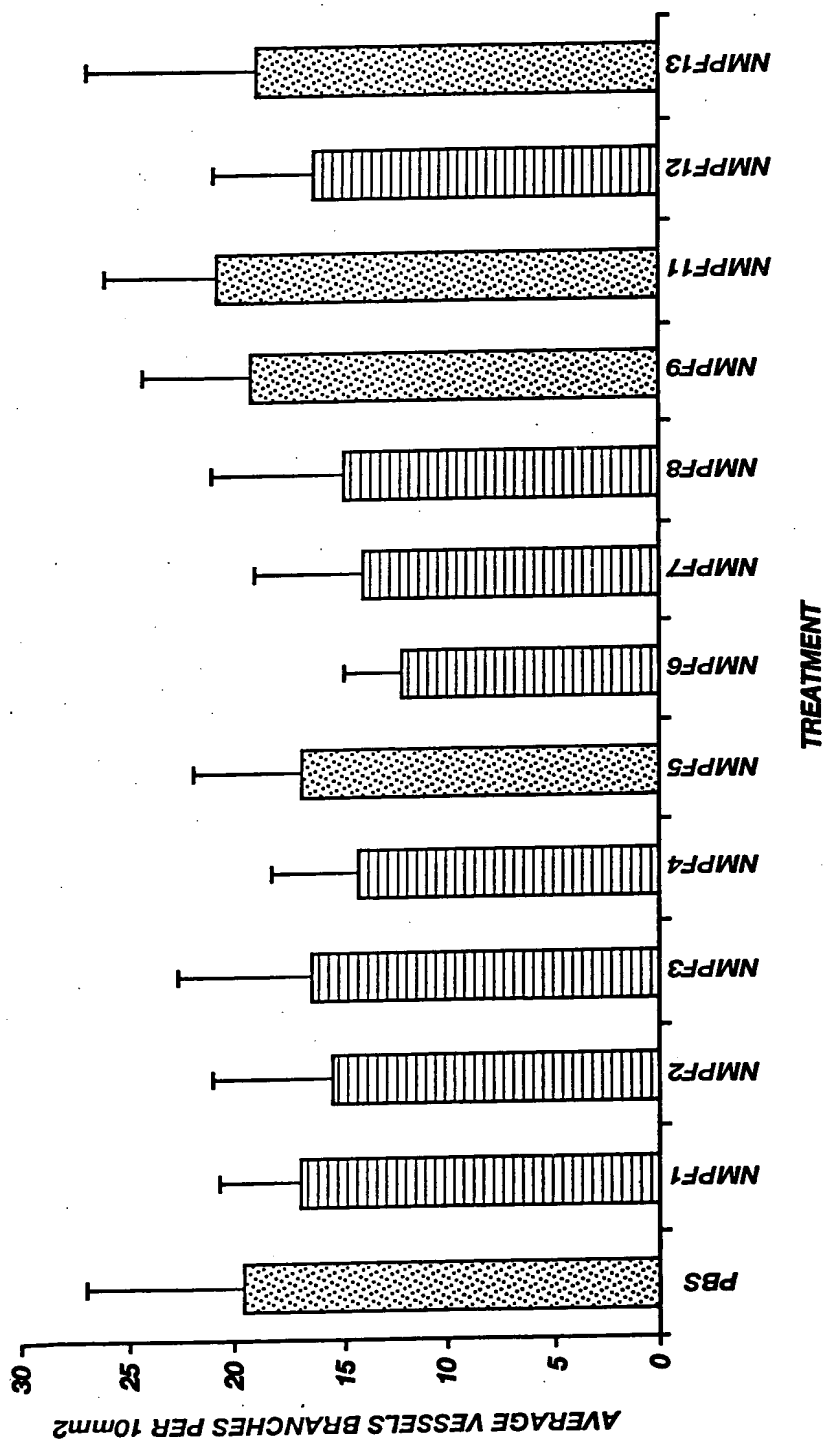


Fig. 29



TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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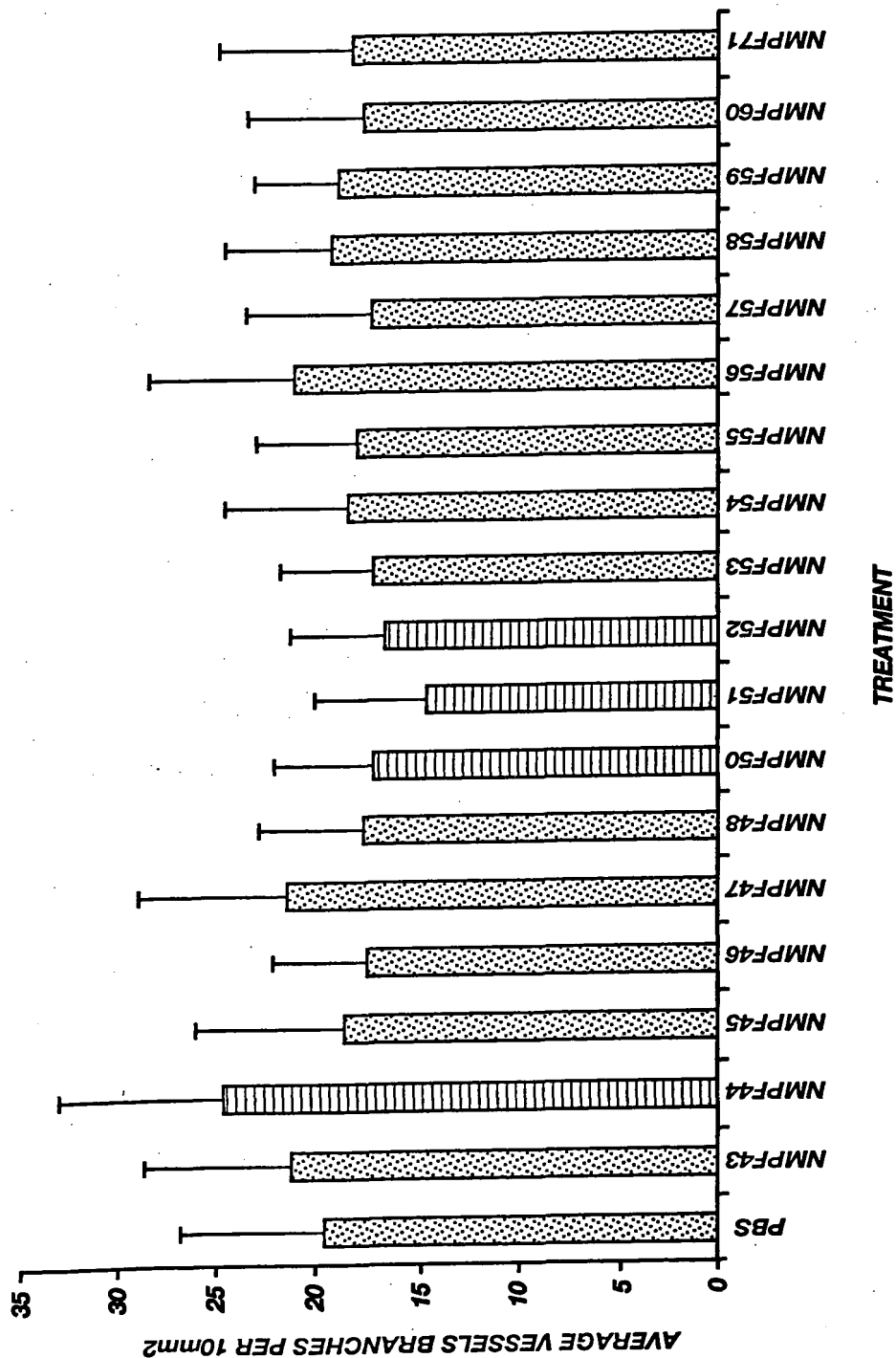


Fig. 30



TITLE: GENE REGULATOR  
Inventor: Khan et al.  
Serial No.: 10/028,075  
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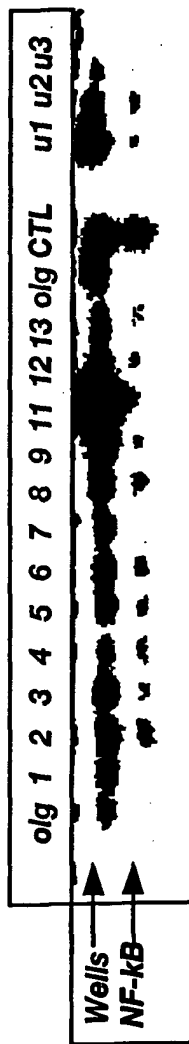


Fig. 31

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TITLE: GENE REGULATOR  
Inventor: Khan et al.  
Serial No.: 10/028,075  
Docket No.: 2183-5223US

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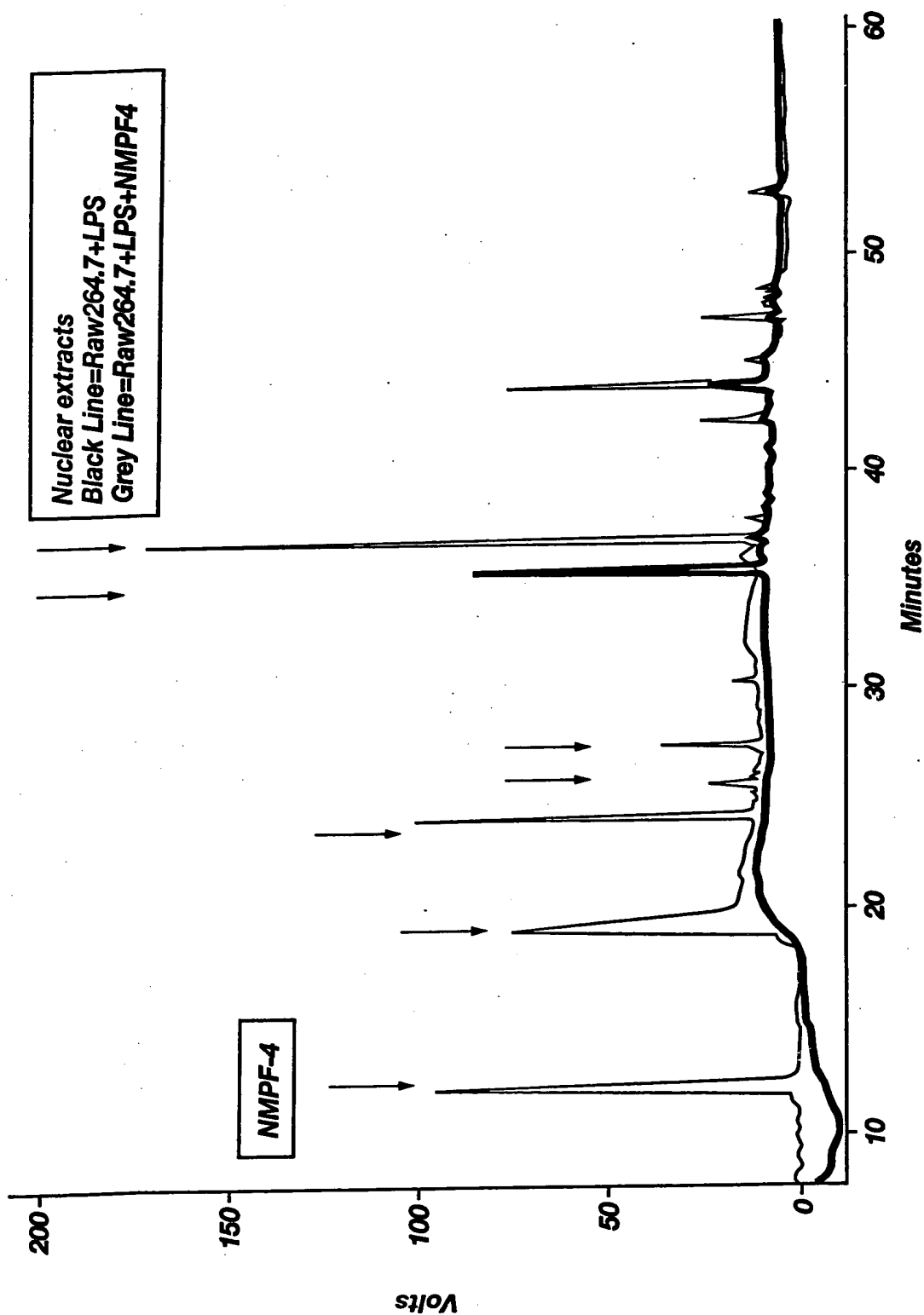


Fig. 32

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TITLE: GENE REGULATOR  
Inventor: Khan et al.  
Serial No.: 10/028,075  
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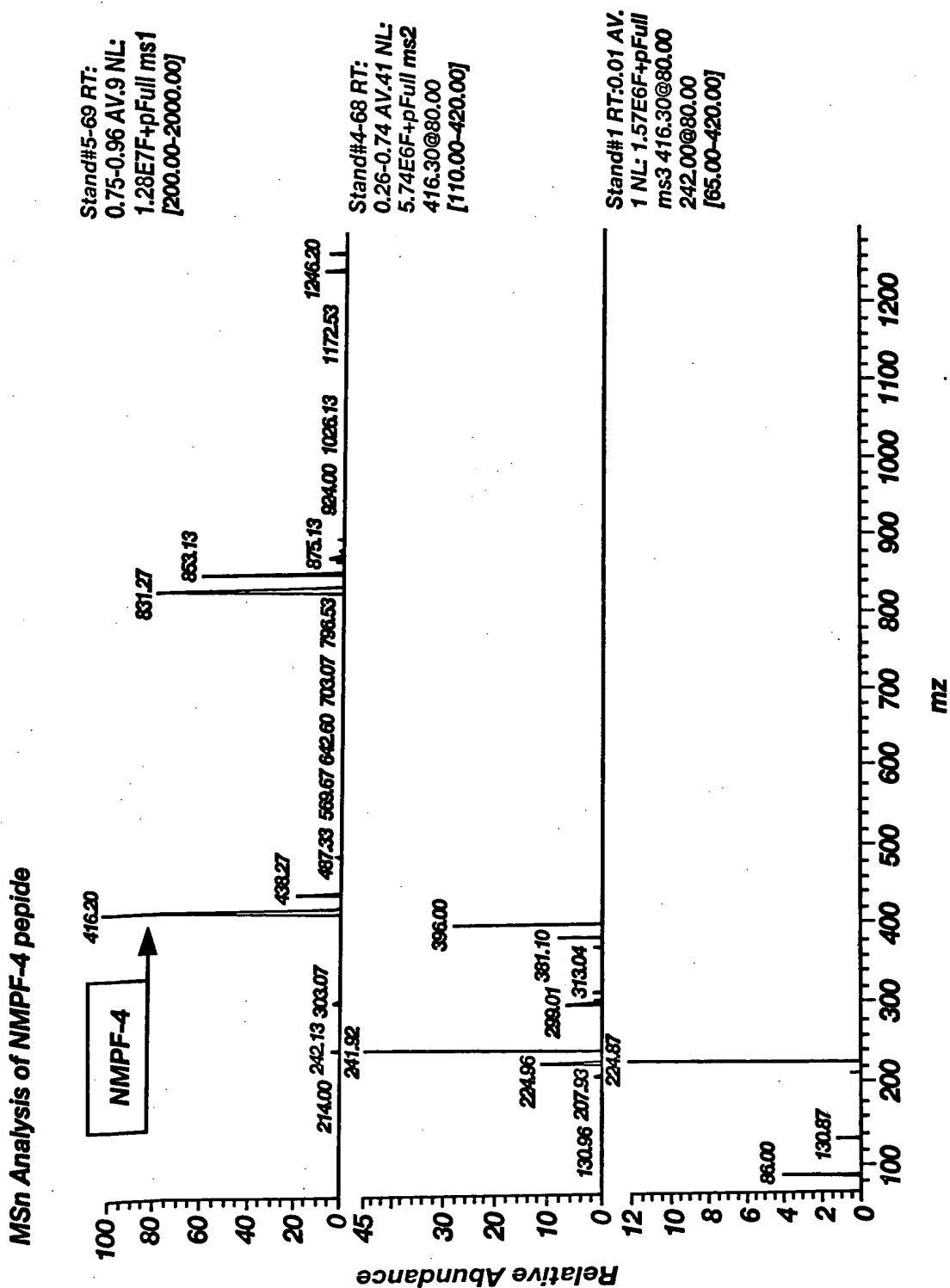
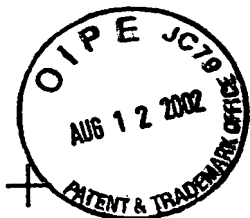


Fig. 33

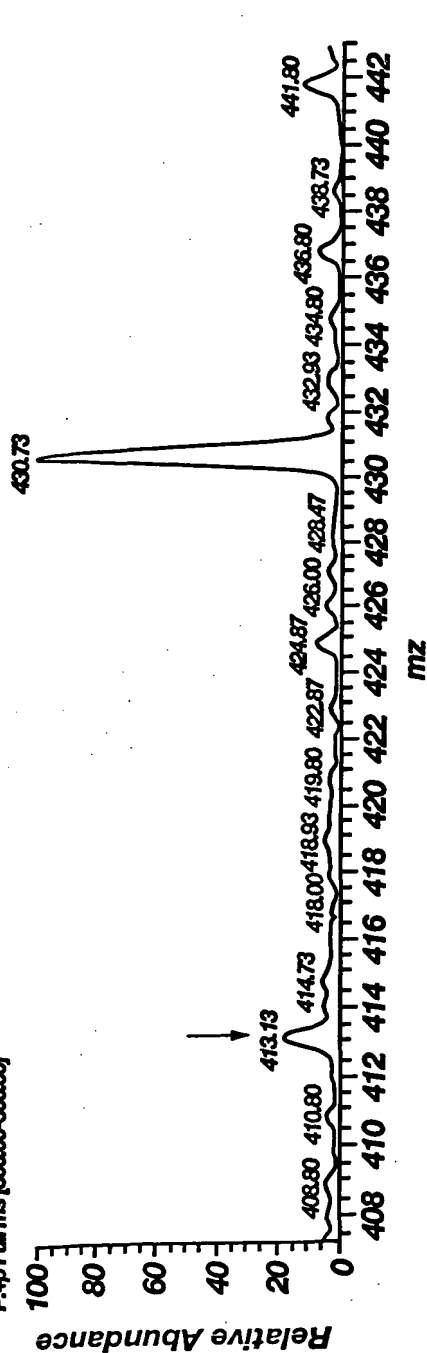


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 Inventor: Khan et al.  
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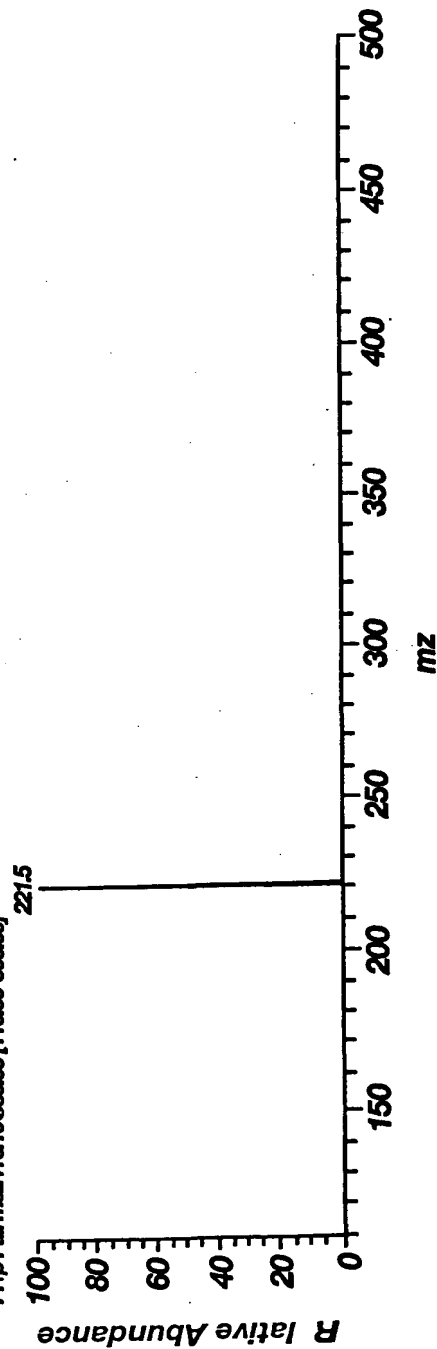
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**Fraction from nuclear extract of LPS stimulated RAW264.7 cells**

lps-push #35-66 RT: 0.24-0.46 AV:32 SM 7B NL-1.64E5  
 P.+p Full ms [300.00-500.00]



lps-push #76-82 RT: 0.65-0.88 AV:7 NL-9.61E1  
 P.+p Full ms [10.00-500.00]



**Fig. 34**

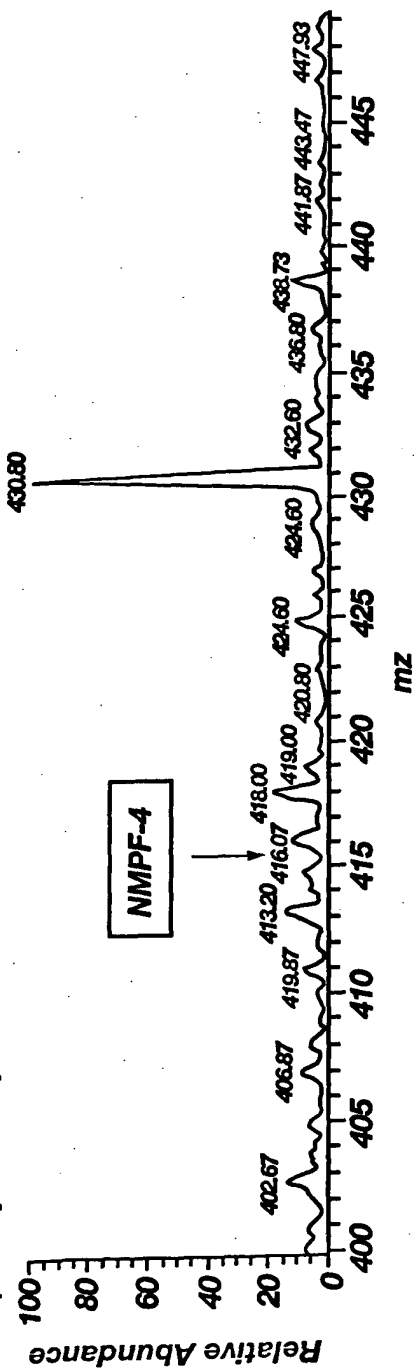


TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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Fraction from nuclear extract of NMP-4+LPS stimulated RAW264.7 cells

lps-NAK4-push #82-145 RT: 0.57-1.00 AV:64 NL:3.68E5  
T:yp Full ms [300.00-500.00]



lps-NAK4-push #159-173 RT: 1.25-1.69 AV:13 NL:2.99E3  
F:yp Full ms [241.00-396.00]

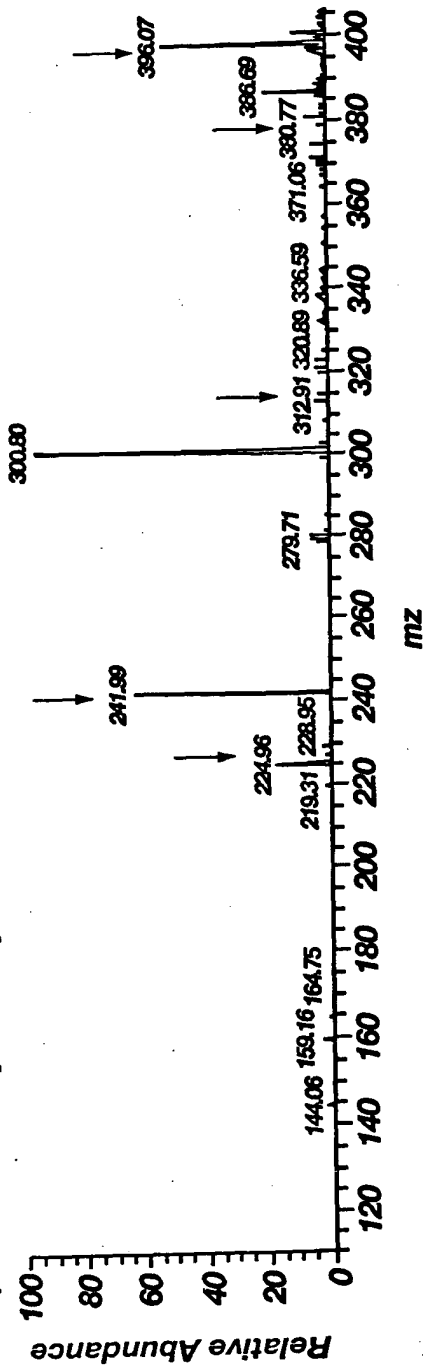


Fig. 35



TITLE: GENE REGULATOR  
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Heart-rate (beats per minute) of R1429 during sepsis

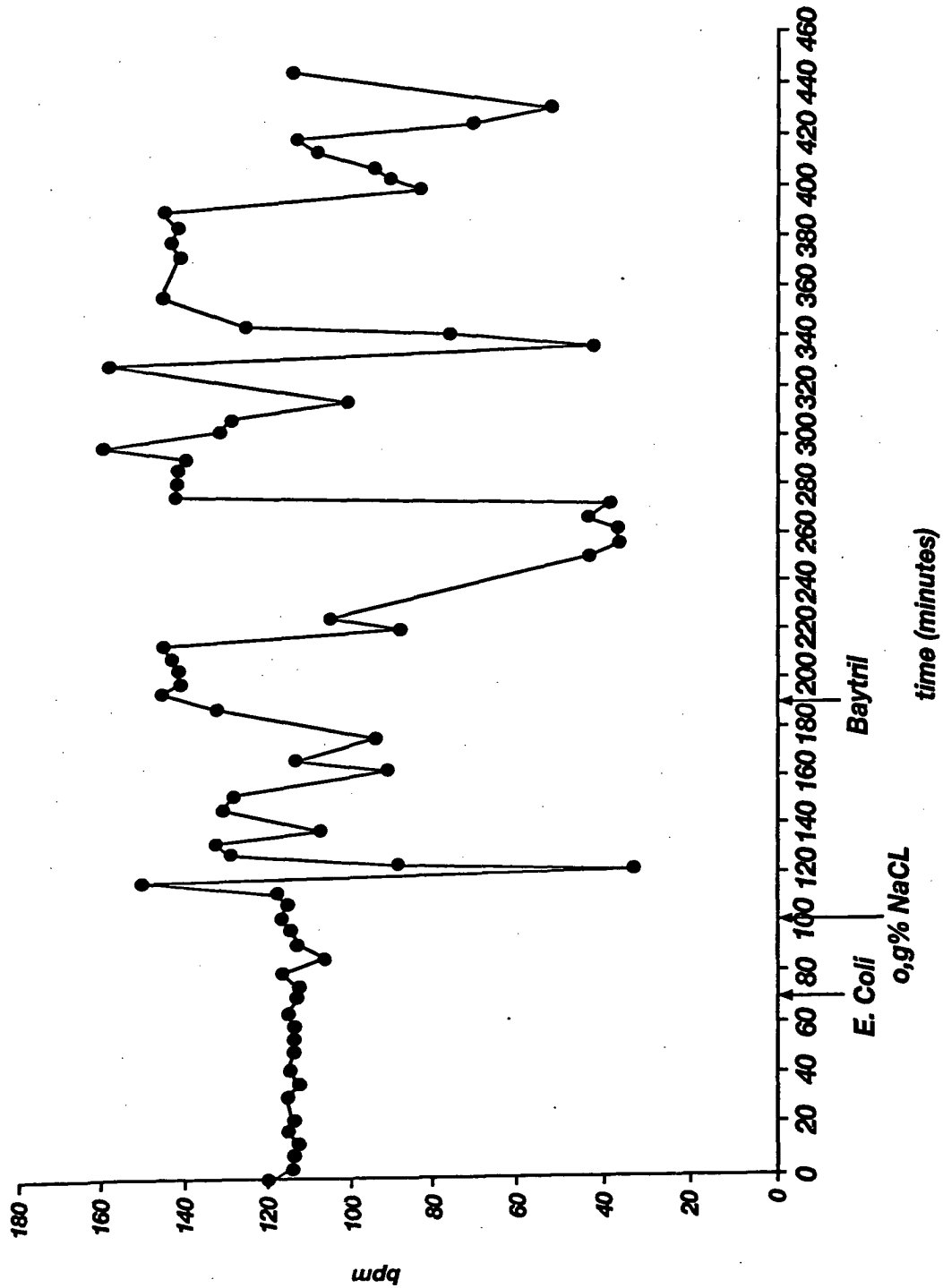


Fig. 36





TITLE: GENE REGULATOR  
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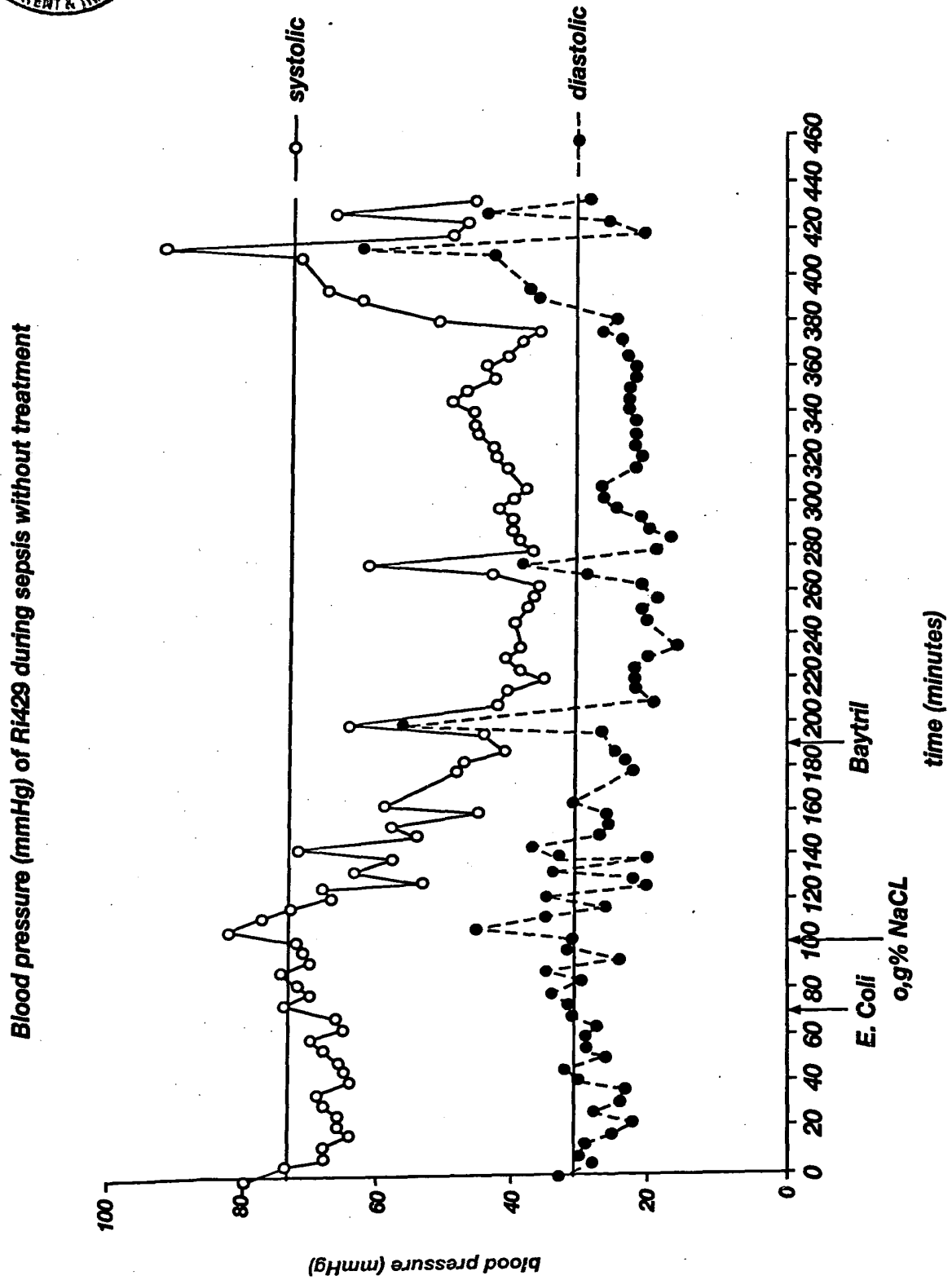


Fig. 37



TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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Systolic-Diastolic bp of R1429 during sepsis without treatment

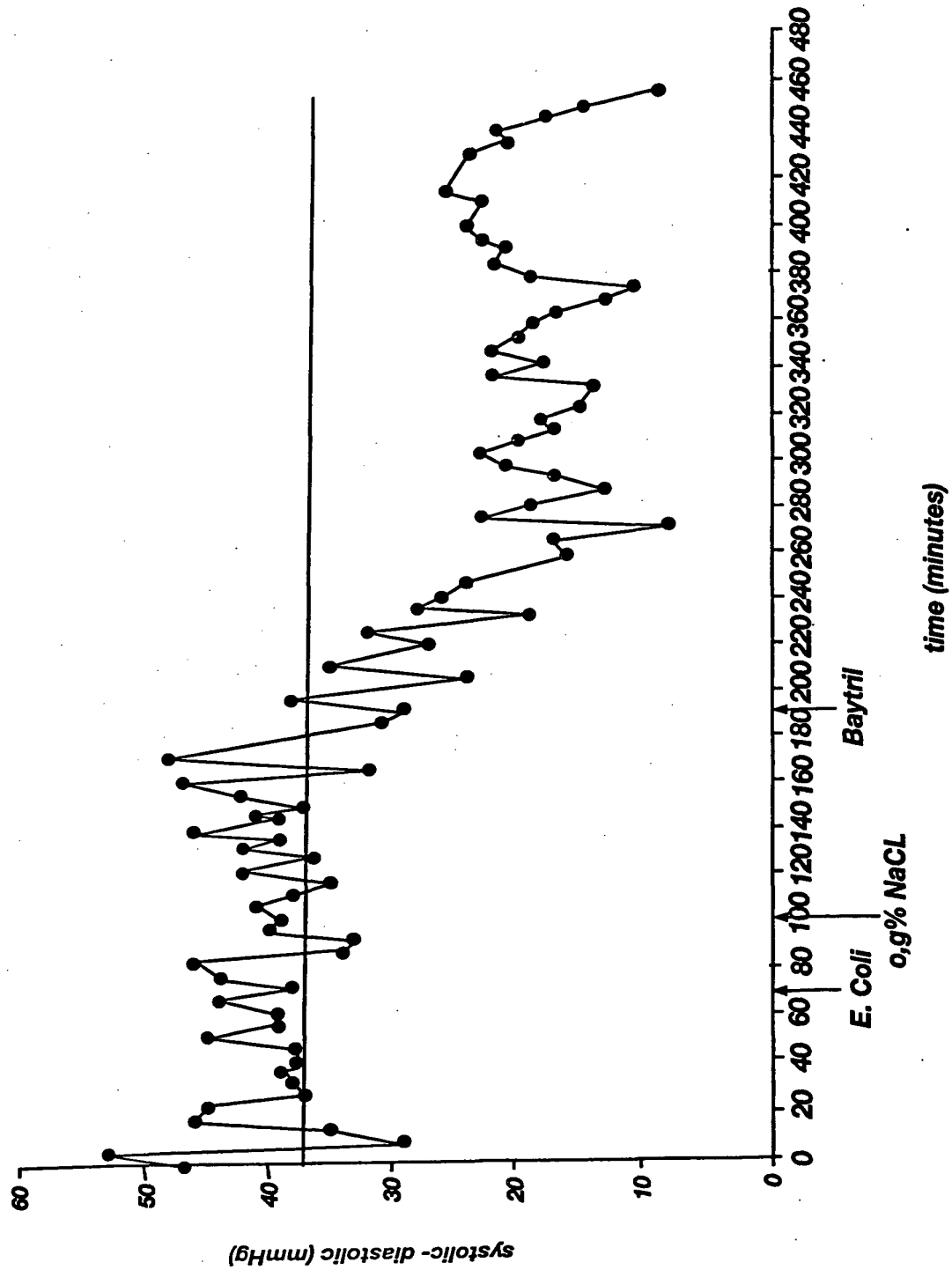
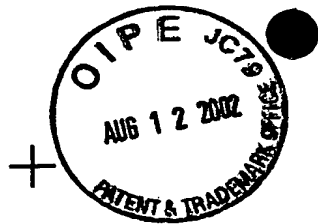


Fig. 38



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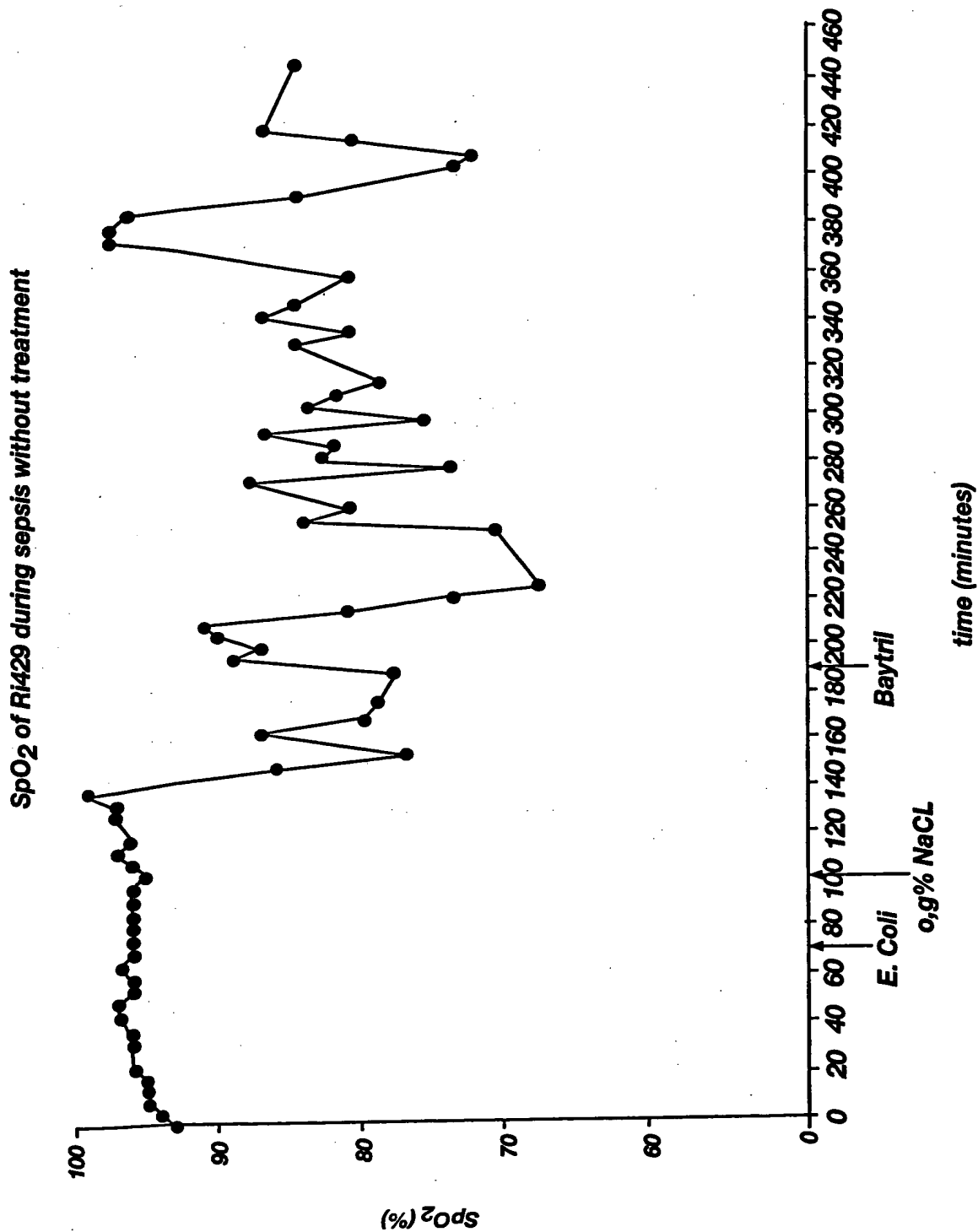


Fig. 39

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 AUG 12 2002  
 PATENT & TRADEMARK OFFICE

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Heart-rate (beats per minute) of R1459 during sepsis

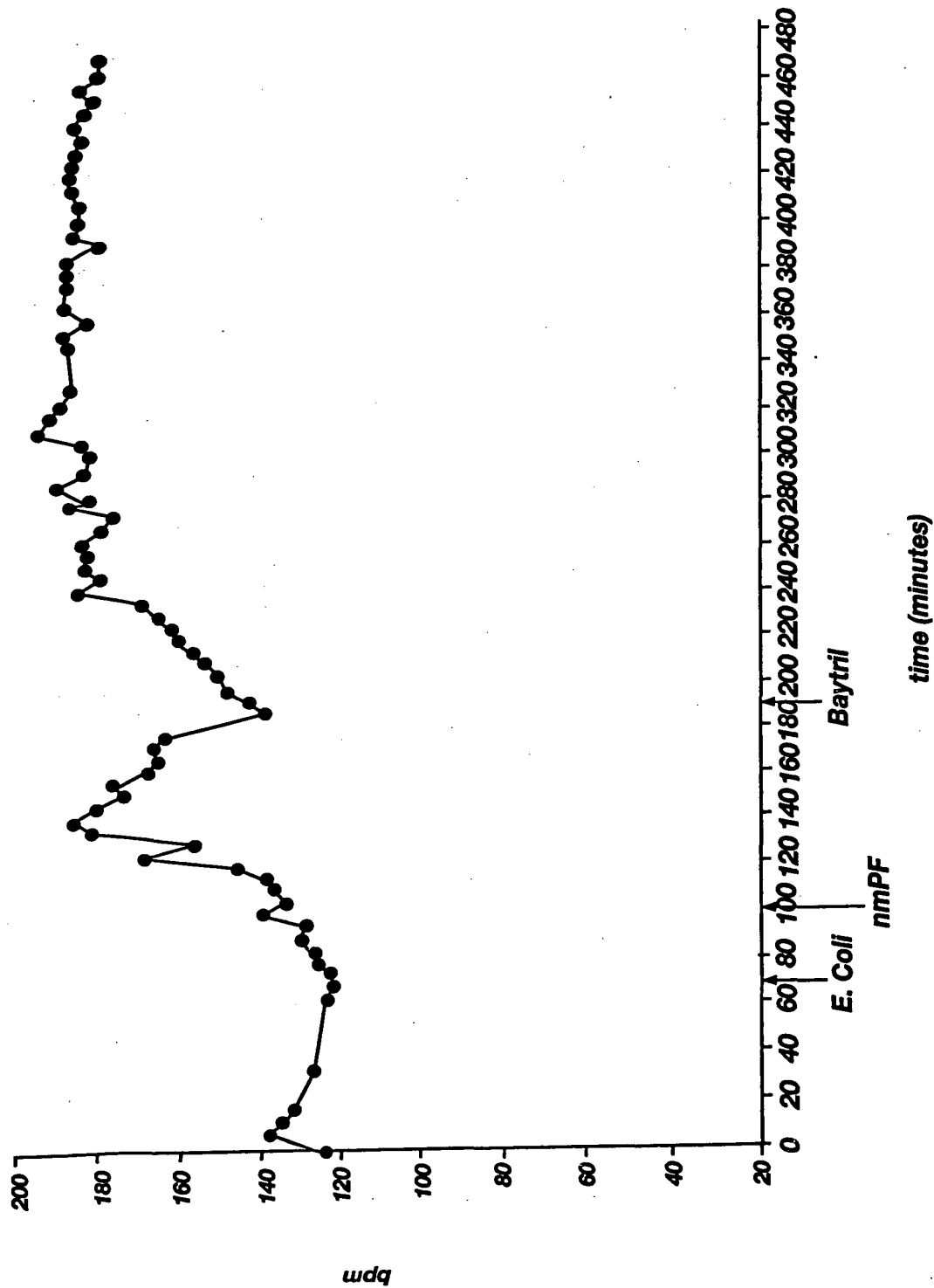


Fig. 40

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TITLE: GENE REGULATOR

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Blood pressure (mmHg) of Ri459 during sepsis and treatment with NMPF

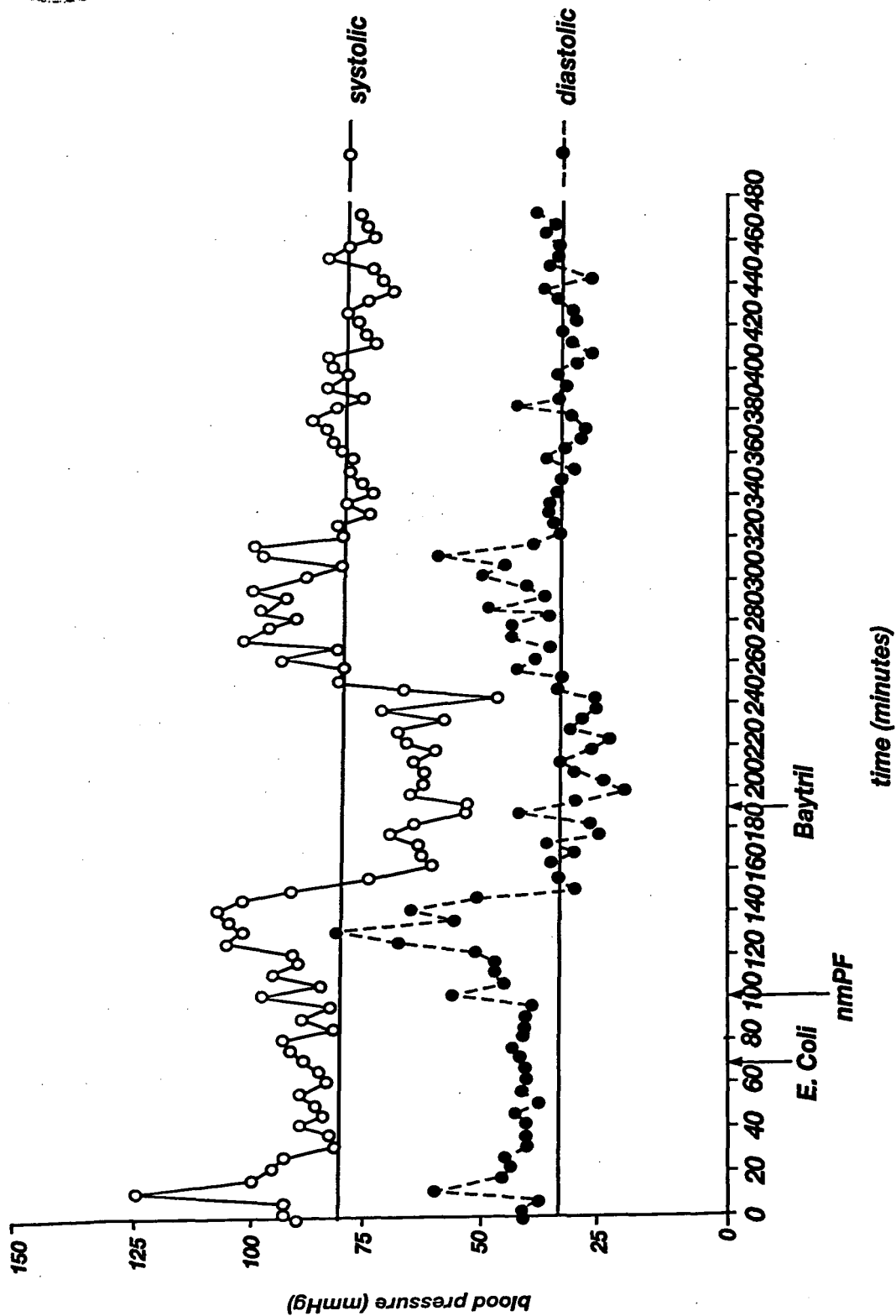
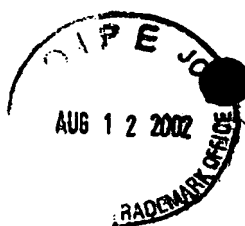


Fig. 41



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Systolic-Diastolic bp of R1459 during treatment with NMPF

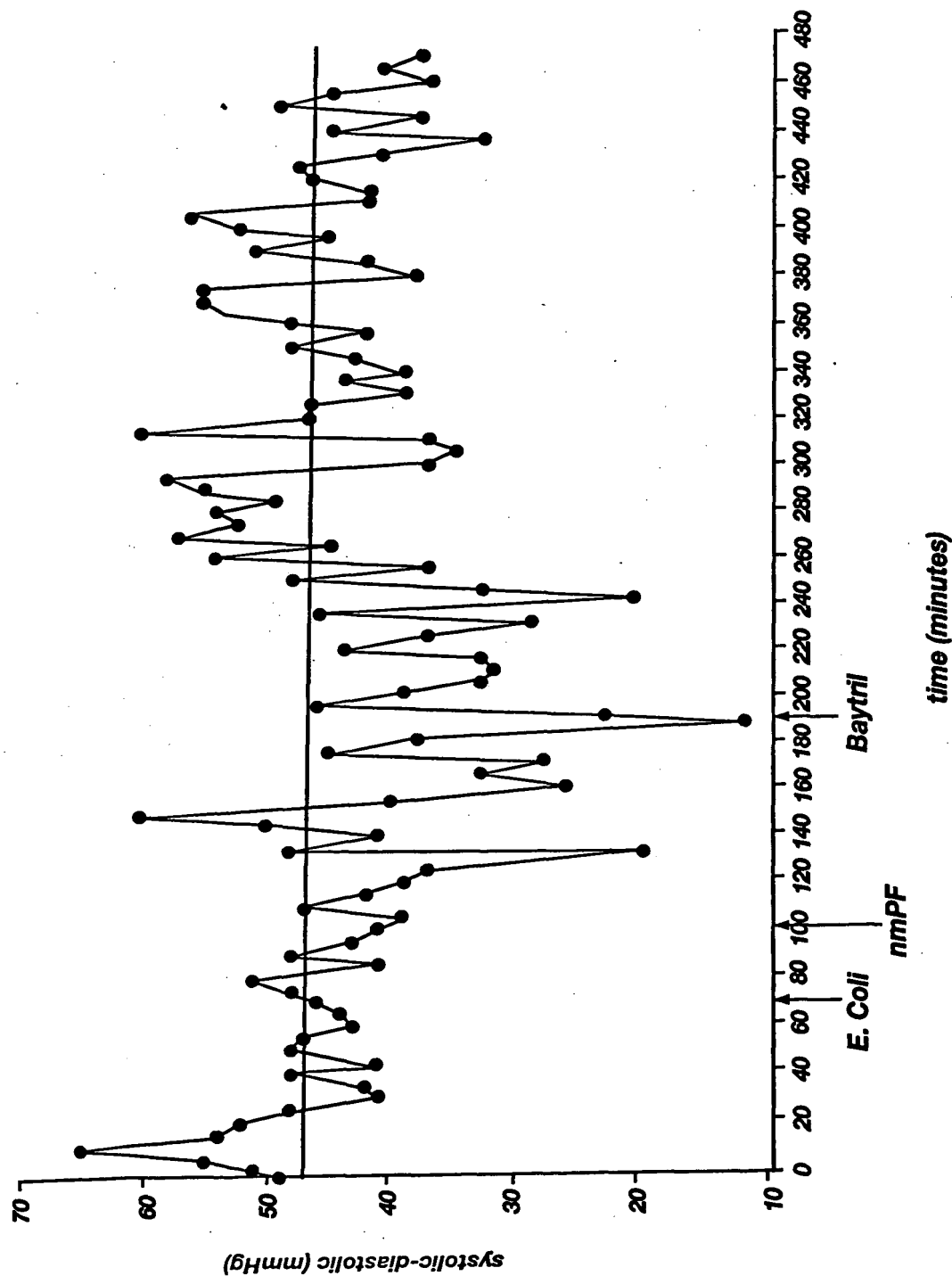


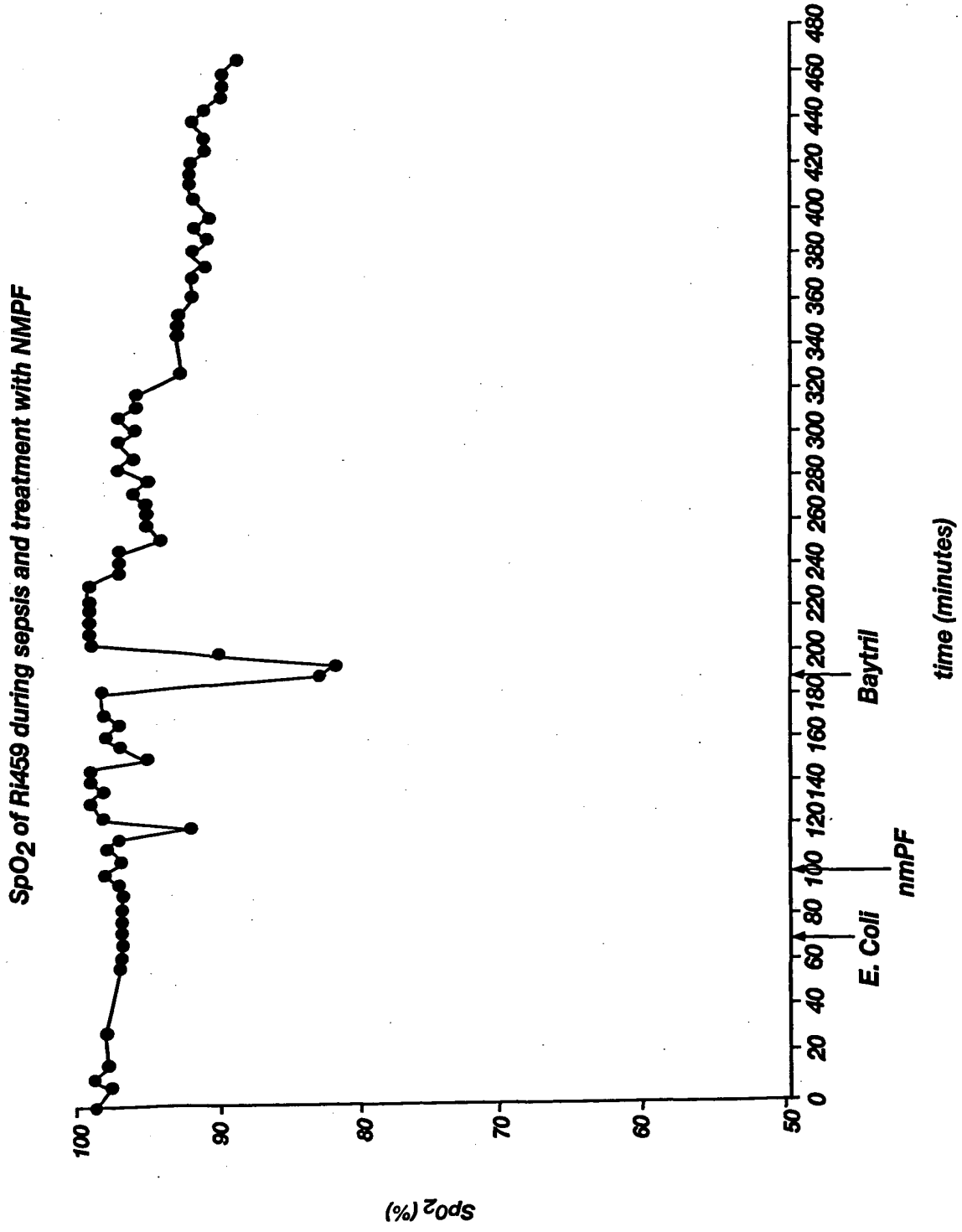
Fig. 42

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TITLE: GENE REGULATOR  
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**Fig. 43**

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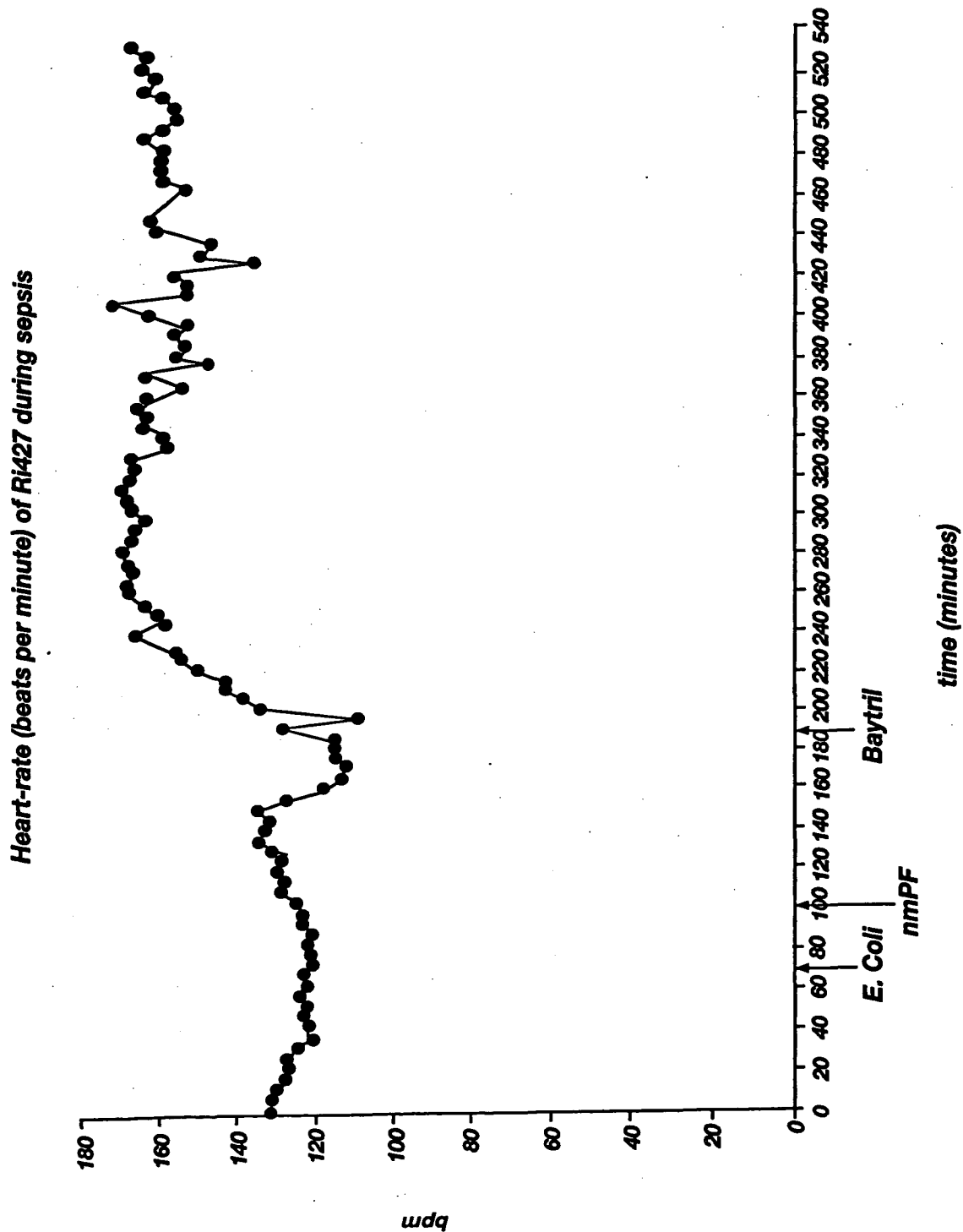


Fig. 44

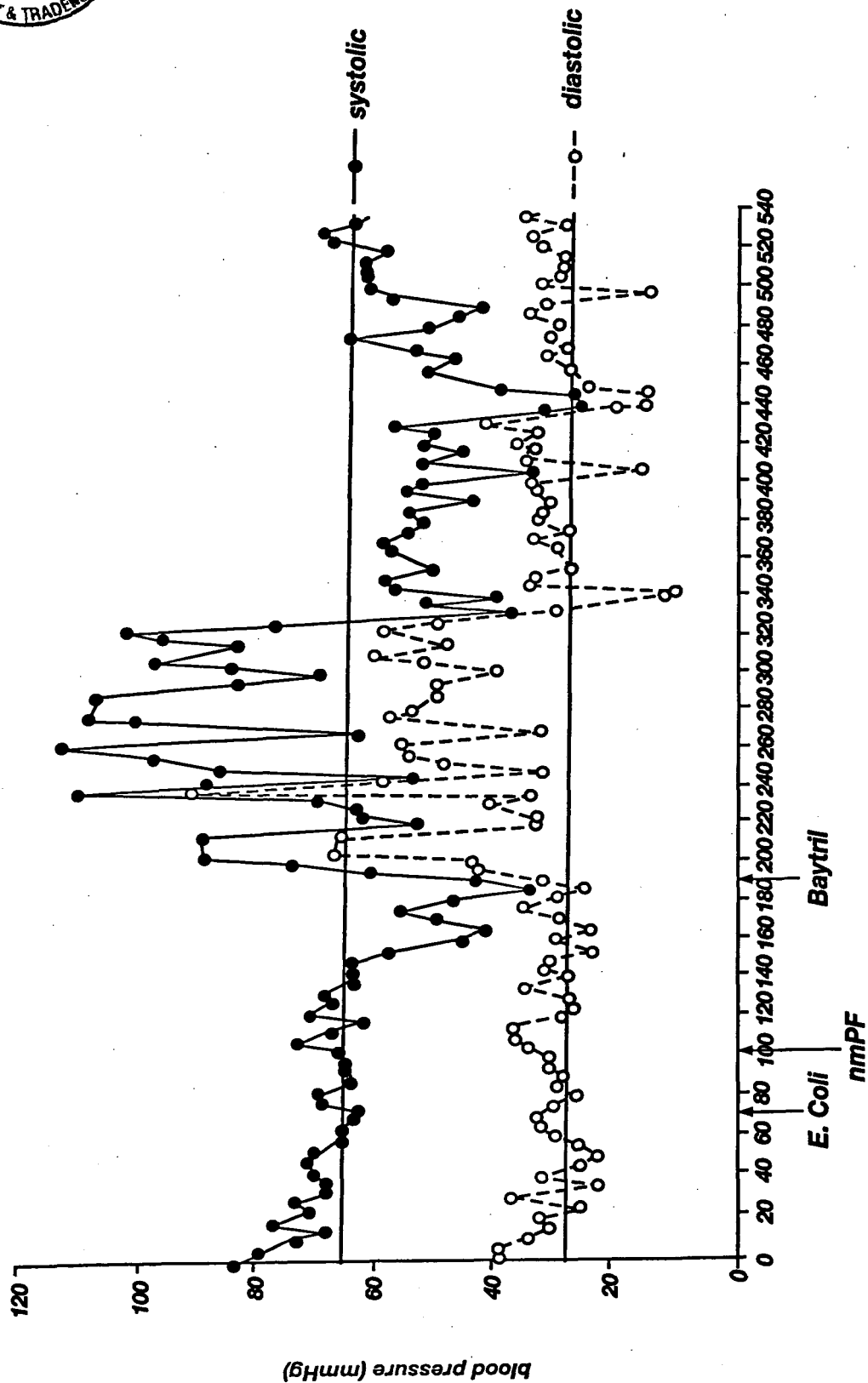




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Blood pressure (mmHg) of Ri427 during sepsis and treatment with NMPF



time (minutes)

Fig. 45



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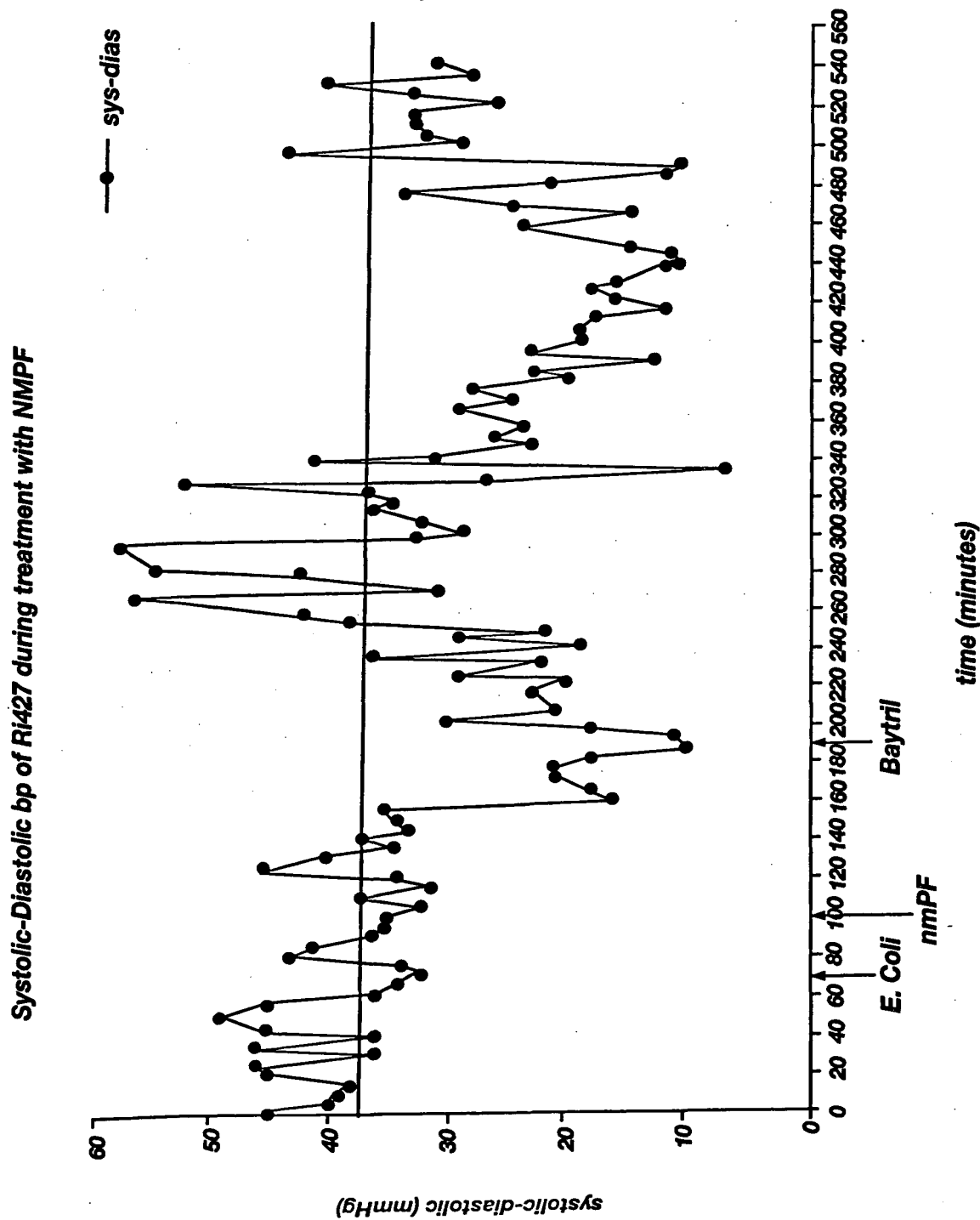
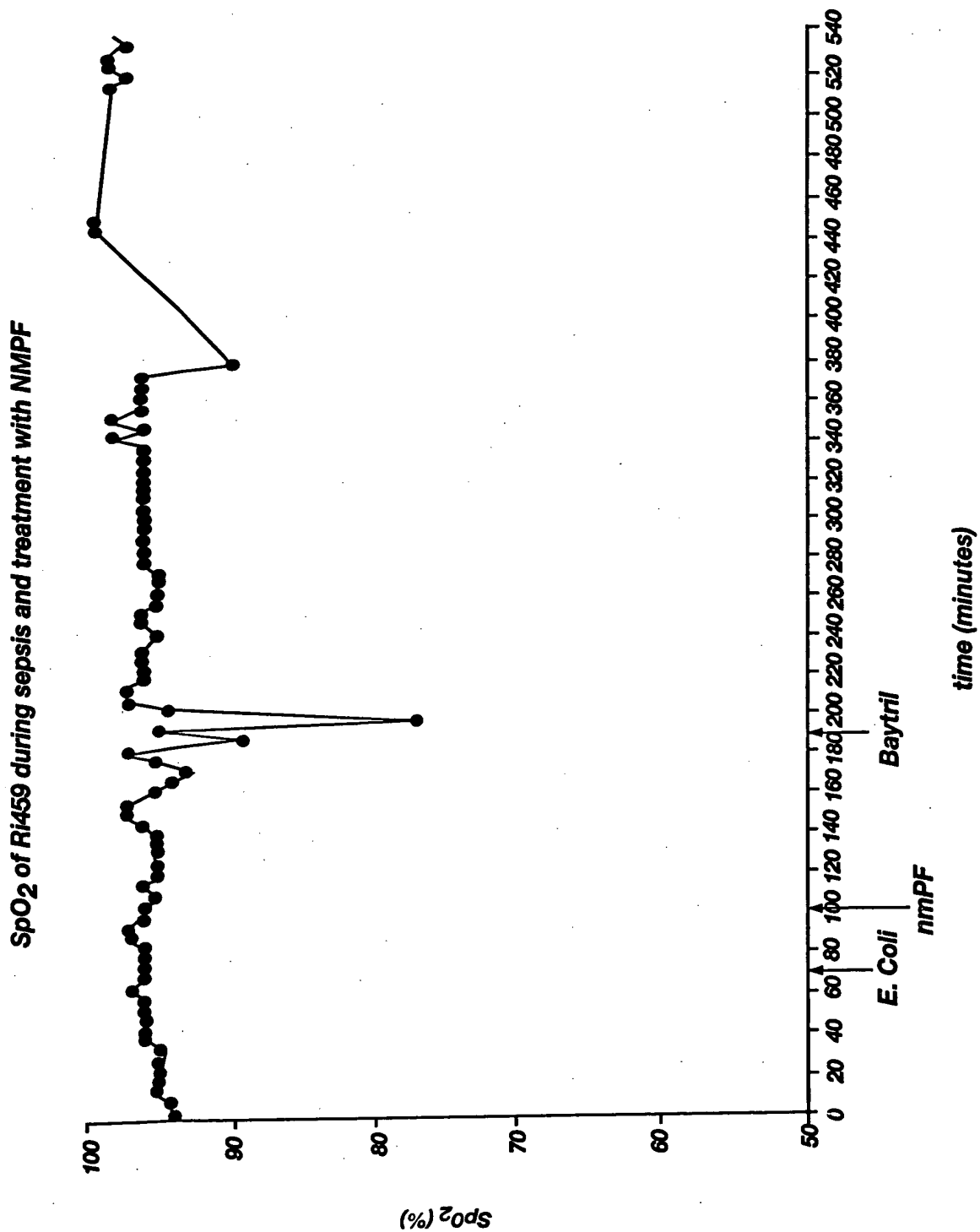
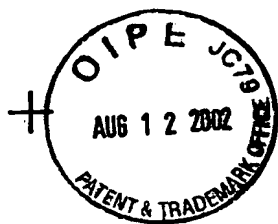


Fig. 46



**Fig. 47**

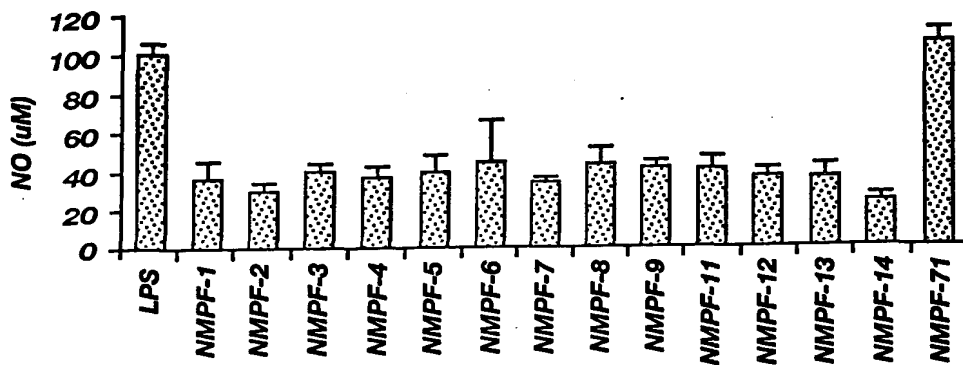


Fig. 48A

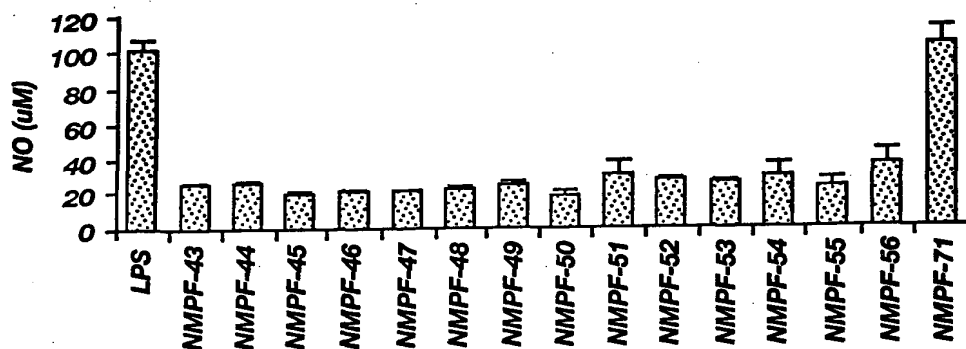


Fig. 48B

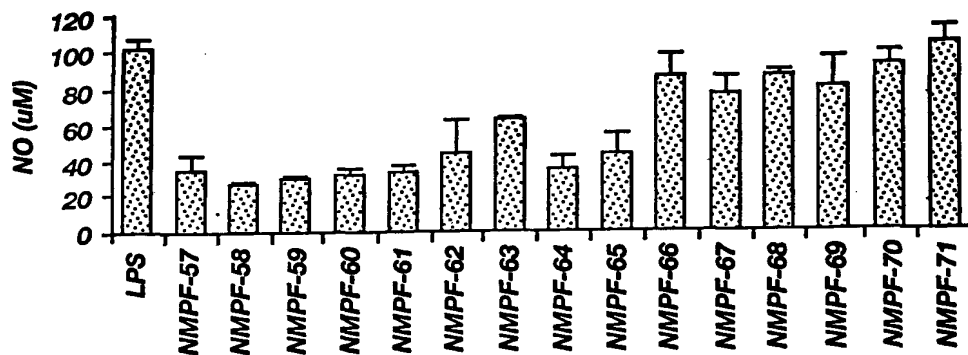


Fig. 48C

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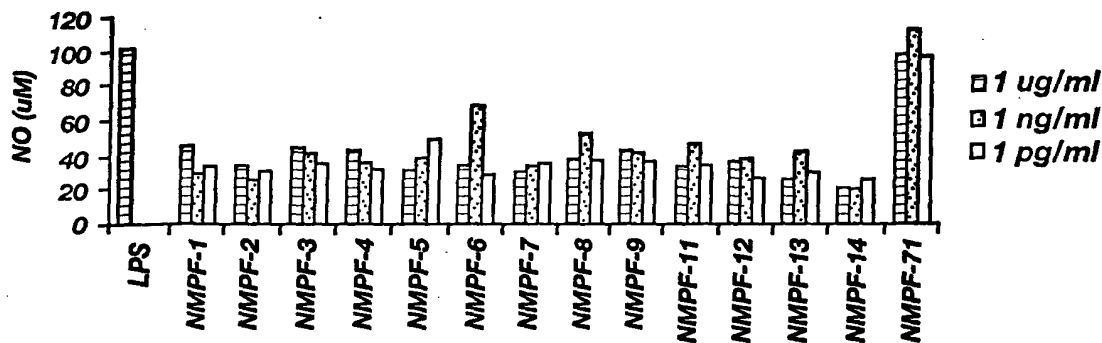


Fig. 49A

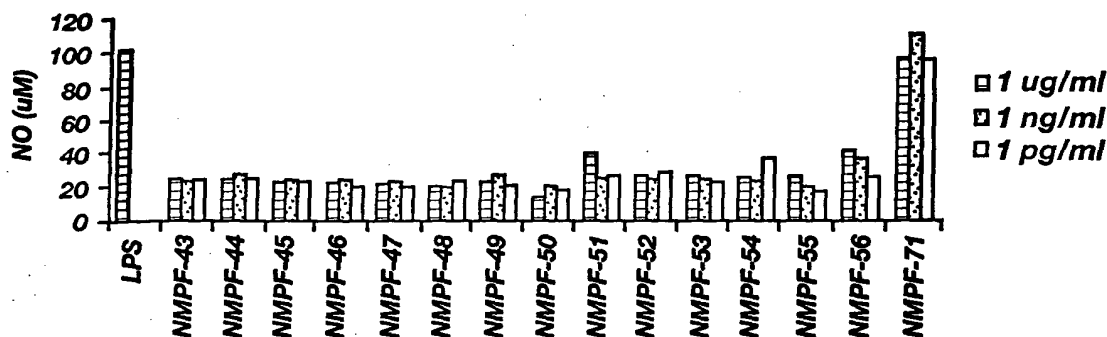


Fig. 49B

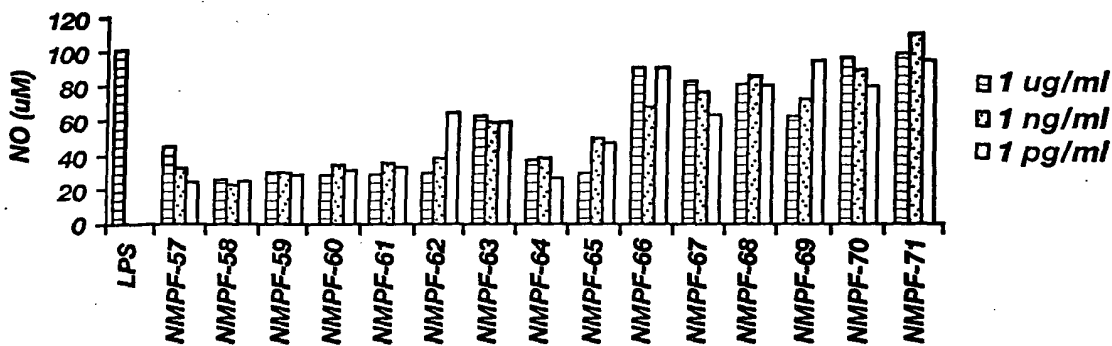


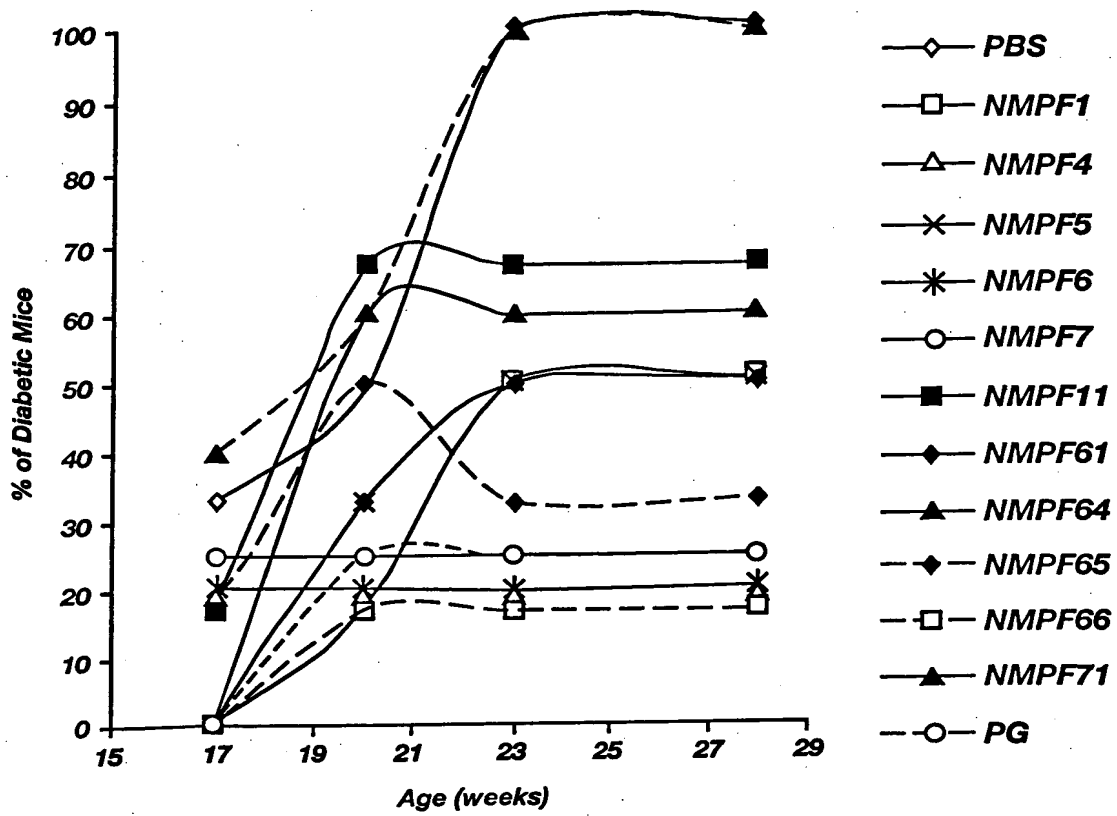
Fig. 49C

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**Fig. 50**

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### GTT

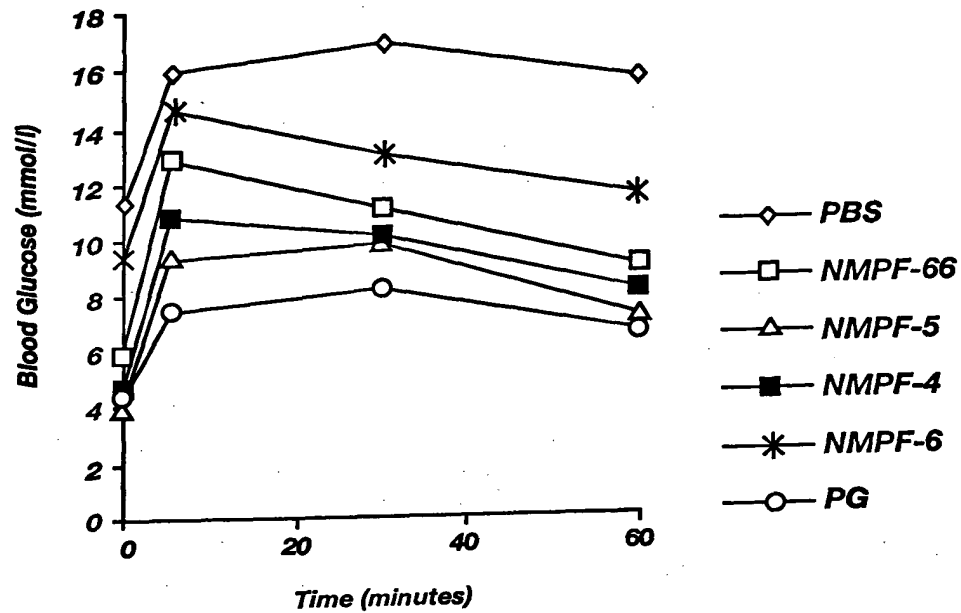


Fig. 51A

### Blood Glucose (Fasting)

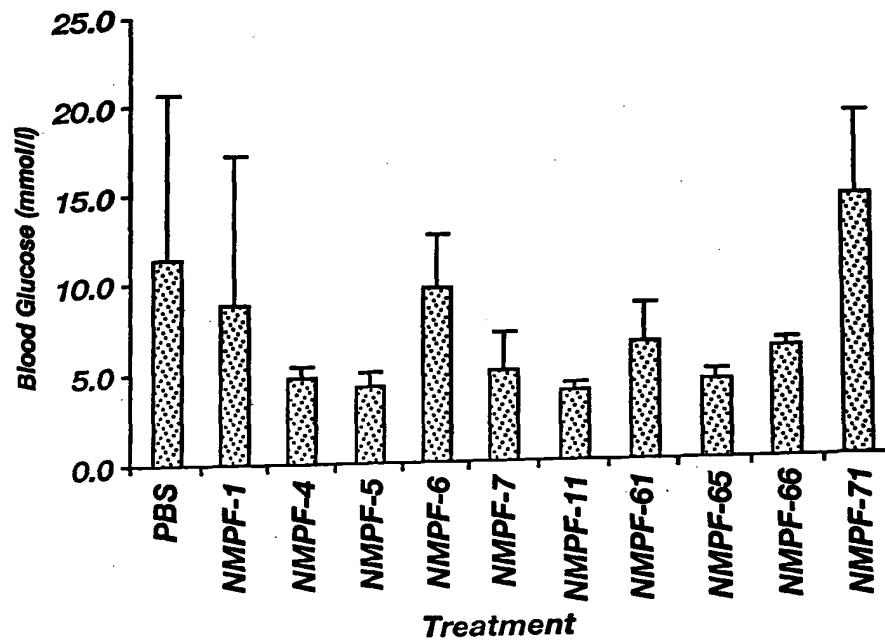


Fig. 51B